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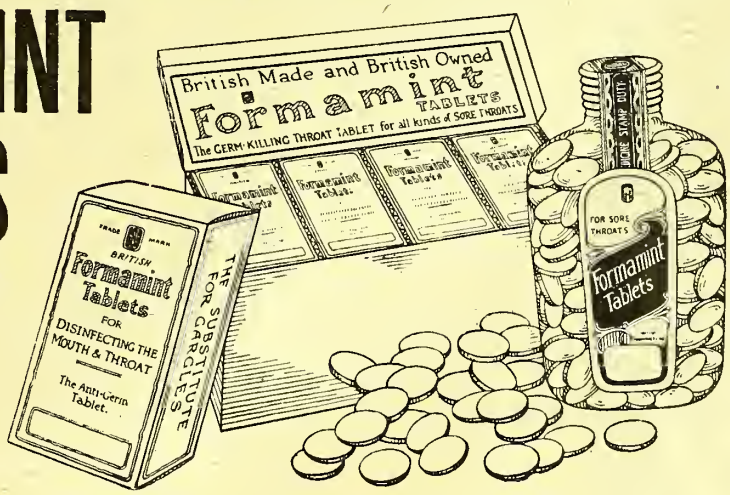

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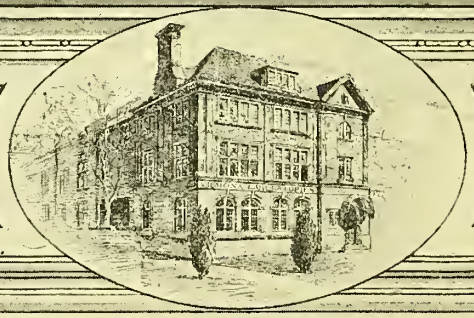

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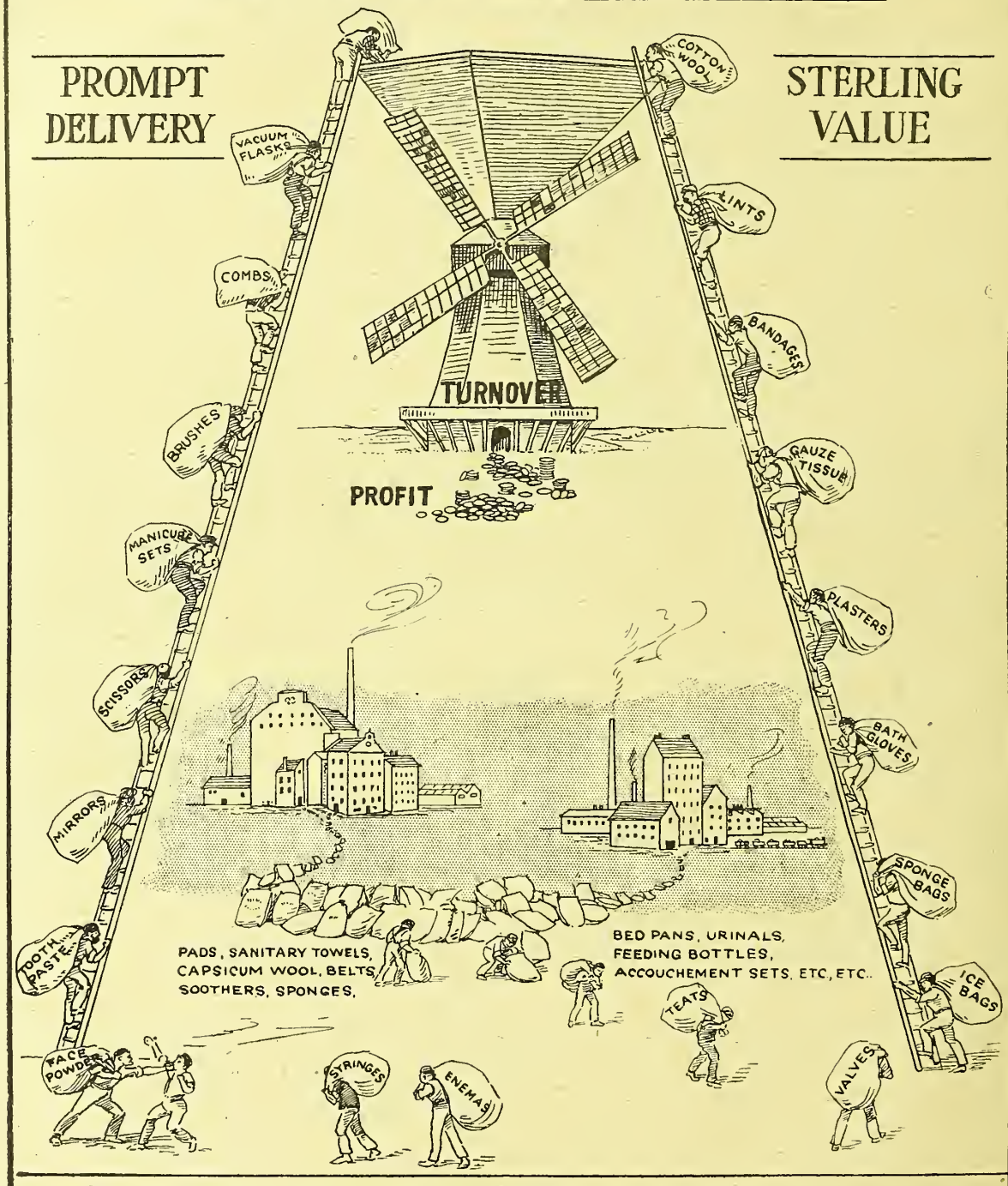

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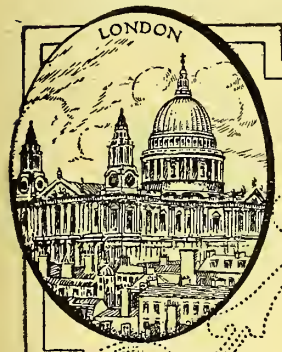
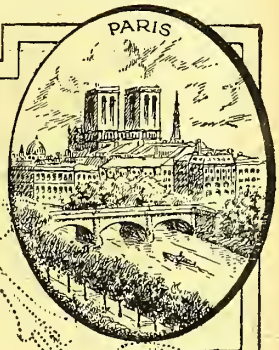




We are exceptionally well placed for the following, and invite your enquiries—

ACETYL-SALICYLIC ACID
BENZOIC ACID
BENZOATE/SODA
CALCIUM LACTATE
LECITHIN
TANNIC ACID LEVISS

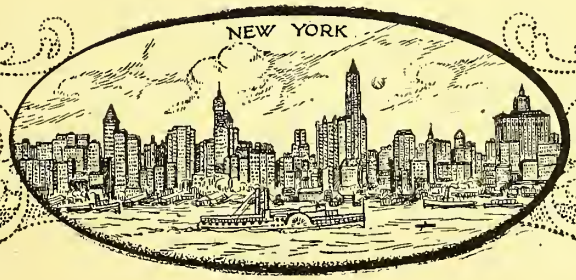
Wholesale and Export Only

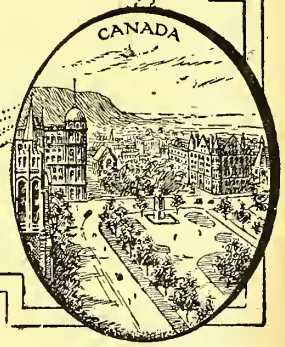
R. W. GREEFF & CO.
LTD.
THAMES HOUSE, QUEEN ST. PLACE,
LONDON, E.C.4.

MANCHESTER BRANCH:
Lloyds Bank Buildings,
KING STREET.

Telegrams:
"Greeff, Cannon, London."
Telephone:
City 6550 (8 lines).

NEW YORK AGENTS:
R. W. GREEFF & CO., Inc.
78 FRONT STREET.



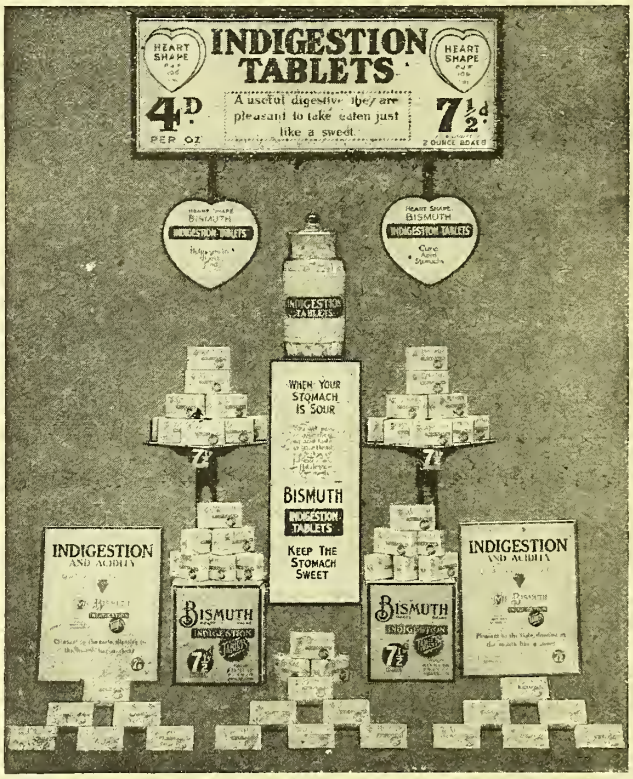


You simply *must* look at a 'Moorland Display'

They Cost

28 lb. 2/4 lb.
56 lb. 2/3 lb.
112 lb. 2/2 lb.

54/- gross.
(Packed in 2-oz. Cartons).



They Sell at

2oz. 7½d.

Look at your Profit!

Cost 2/2 lb.
Sell at 5/- lb.

The Genuine Heart-shaped Indigestion Tablets.

These tablets are wonderful sellers all the year round. We could easily treble our sales if we would consent to supply inquirers in outside trades, but no, we made them for Pharmacy. It, however, proves that many pharmacists are not fully alive to the possibilities of the line. You will find it one of the fastest sellers you have ever handled. Full display (minus jar and ribbon) with 56 lb. bulk or 3 gross packed.

Has your copy of our New House Magazine arrived? If not, please send us a postcard. You will receive one by return.

"Moorland Pharmacy Service."

W. B. CARTWRIGHT LTD.
RAWDON NEAR LEEDS

MOORLAND BRAND

Australia.
297-299 CASTLEREAGH ST SYDNEY.
326, FLINDERS LANE, MELBOURNE.

New Zealand.
161, HEREFORD ST. CHRISTCHURCH.
CORNER ALBERT & DURHAM STS AUCKLAND.

"Moorland Pharmacy Service."

Maw's Page

December 4, 1920. No. 477.

Are you helping to make this Christmas the Chemists' Christmas?

You can do so by devoting your best efforts to pushing sales of "Parex" Manicure Methods. There is no more novel or suitable Christmas gift, nothing that so successfully combines all the evidences of thoughtful giving as a "Parex" Manicure Outfit. And "Parex" Manicure Methods can only be purchased from chemists—they are not supplied to others. Make this a record Christmas, and plant the seed of steady permanent business by specialising in "Parex" Manicure Methods as Christmas Gifts.

To help you to secure maximum sales for "Parex" Manicure Methods we are providing all purchasers with a complete range of advertising and window-dressing material free of all charges. If you have already purchased "Parex" Manicure Methods, and have not received this material, let us know without delay. If you are placing your first order for "Parex" Manicure Methods, ask for Free Christmas Advertising Matter.

"PAREX" MANICURE METHODS

are the chemist's own lines. The word "Parex" is the chemist's protection. Goods sold under this trade name are only supplied to chemists.

Telephone: "City 7" (Private Branch Exchange).

S. Maw, Son & Sons, Ltd., 7/12 Aldersgate St., London, E.C.1.

Telegrams: "Eleven Cent, London."

SEASONABLE LINES

BEEF & MALT WINE

(Wine Licence required)

Prices: **Small Size** (12 to Gallon) **29/6** doz.
Large Size (6 to Gallon) **44/6** doz.

BEEF & MALT WINE

WITH QUININE

(Can be sold by Chemists without Licence)

Prices: **Small Size** (12 to Gallon) **31/6** doz.
Large Size (6 to Gallon) **48/6** doz.

We import the Wine specially for the manufacture of this Beef and Malt Wine, and offer a sound and well-flavoured product at the cheapest possible price consistent with the excellent quality.

We have a variety of labels, and would be pleased to submit same to you for your selection, together with a sample of the Wine.

C. R. HARKER, STAGG & MORGAN, LTD.

DEVON WHARF and BELL WHARF,

EMMOTT STREET, MILE END, LONDON, E. 1.

What is "BRAVITA"?

"BRAVITA" is a specially prepared Nerve Food, rich in Free **VITAMINES.** It is being used with remarkable results in the treatment of Neurasthenia and Nervous troubles generally. Behind its manufacture is a record of patient scientific research and many costly experiments. Note these facts :

Doctors are asking where it can be obtained.
They are using it in their own households.
They are prescribing it to their patients.
They are sending unsolicited tributes to its merits.

The Press Campaign, now being arranged, will create a wide demand. Be ready! The profit is substantial and worth while—**33⅓%.** Send in your orders now to ensure early supplies.

Price per dozen packets, **12/-** net; to retail at **1/6** per packet.

Medical Testimony.

An M.B. & C.M., M.O.H., writes :—

"I prescribed 'Bravita' for a patient who was suffering from overwork and slight nerve breakdown, and can certainly assert that there is a marked improvement in her general health. She was troubled with Insomnia among other slight symptoms of Neurosis, and certainly sleeps better—I feel sure it is a good remedy."

Bravita

REGD TRADE MARK

VITAMINE NERVE FOOD

Sole Agents and Distributors—

FRANCIS NEWBERY & SONS, Ltd.

CHARTERHOUSE SQUARE, E.C. 1.

Manufactured by FORGET-ME-NOT, LTD., NOTTINGHAM.

A Window-display of

"Blue Diamond" Cold Cream

is

Attractive — Profitable — Seasonable

The original of this display measured 5 ft. × 4½ ft. The colour scheme is carried out in two shades of blue and makes a striking and attractive display. The showcards, price tickets and window-bill are given with orders for 6 dozen (assorted) and upwards. Name and address printed on labels.

PRICES : 9d. Size, 5/6 doz. 1/3 Size, 8/6 doz.

Gross lots, assorted, 5/- & 8/- per doz.

Terms: 5% for Cash in 7 days or Monthly Accounts, net.
Carriage Paid on £3 orders — Cases free.

RAYMET & CO., LIMITED,
507/509 HARROW ROAD, LONDON W.10

AYRTON'S WEEKLY PAGE 15

A Shilling Tooth Paste
with a
guaranteed profit of 50%

Ayrton's Dental Cream

(large size tube) will be a welcome addition to the series of British-made Toilet Specialties issued by the house of Ayrton.

The paste is of perfect consistency, pleasantly flavoured with peppermint; it is an efficient cleanser, and will keep the teeth white and the gums hard.

The carton bears the same design as Ayrton's Skin Cream, and makes a very effective display. Twelve cartons are packed in a neat show outer for convenient display.

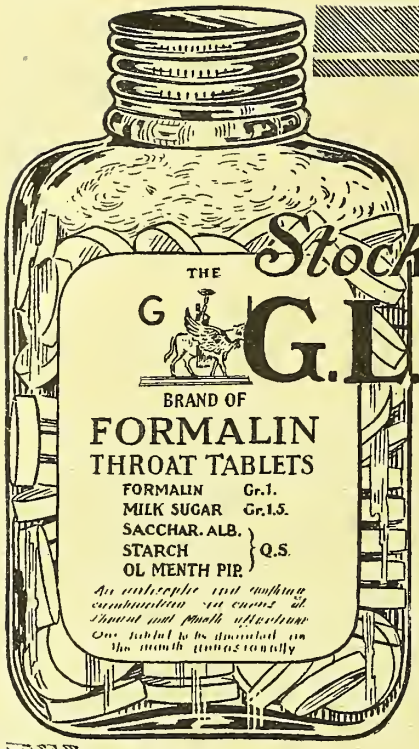
Retail, P.A.T.A. ... ... per tube **1/-**
Wholesale ... per dozen **8/-** per gross **93/-**

Handsome showcard, with Val Prince design, will be supplied with orders on request.

Write for copy of our illustrated booklet: "For Milady's Table," and price list of Ayrton Toilet Specialties and Household Remedies.

London Agents—
J. C. GAMBLES & CO.
49 FARRINGDON STREET
LONDON, E.C. 4

AYRTON, SAUNDERS & CO. LTD.
Manufacturing Chemists **LIVERPOOL**



Stock this Profitable New Line

G.L. FORMALIN

This is undoubtedly the finest substitute it is possible to offer the public in place of "FORMAMINT."

The tablets are made on the Formamint machines by the same experienced staff. G. L. FORMALIN tablets are so similar in taste and therapeutic efficiency to "Formamint" that the public are sure to prefer them to ordinary substitutes.

Sangers

258 EUSTON ROAD, LONDON, N.W. 1,

are the sole distributing agents to whom all orders should be sent.

The trade price is as low as

per 85/- gross.

Retail price **1/6** (Minimum **1/3**)*

*Submitted to P.A.T.A.

SPECIAL TERMS TO WHOLESALERS.

A Display Package of Unusual Dignity

THIS exclusive design (supplied to Chemists and Druggists only), consists of tins decorated in close imitation of green marble, in a black outer relieved with gold and white.

The ensemble has an air of distinction which makes it a welcome detail of window decoration in the most exclusive pharmacies.

RETAIL PRICE, 9d. per tin (P.A.T.A.) TRADE, 5/6 per doz.

Most of our popular pastilles are supplied in these "Marble" Tins, and there is also a larger size, price 11/- per dozen (retail 1/4) but none of these are at present sent out in the display outers.

THOMAS KERFOOT & Co LTD
BARDSLEY VALE, LANCASHIRE,
& Bardsley House, London, N.1
ESTABLISHED 1797.

COPYRIGHT

LES GRANDS PARFUMS AVENEL

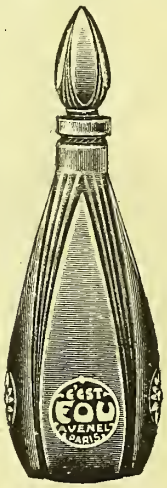
DISTINCTIVE
DESIRABLE
DAINTY

PERFUMES ∴ FACE
POWDERS ∴ FACE
CREAMS ∴ TOILET
LOTIONS & SOAPS

728 - - 22/6

1018 - - 95/-

Each Bottle is packed in an Elegant Box or Gift Case. For your Christmas trade there is no better selection in price or quality on offer to-day.



816 - - 18/6

400 - - 10/6

200 - - 5/-

600 - - 15/-

Prices quoted are per bottle.

Subject to Trade Discount 33⅓%

PROFIT 50%

868 - - 13/6

Sole Home & Export Agents—

FREESE & MOON, Ltd.

59 Bermondsey St., LONDON, S.E. 1.

Telephone: Lop 2774. *Telegrams:* "Cevanesco, Berm, London." *Cables:* "Cevanesco London."

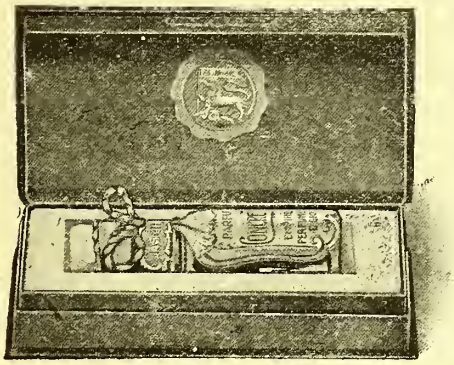
801 - - 80/-

NOW IS THE TIME TO ORDER

THE EMPIRE

CONCRETE PERFUMES

These represent the latest efforts of the Perfumer Chemist. They are made without alcohol, being the essential principles of the flowers freed from wax, etc. One drop is sufficient to perfume the handkerchief for days. Made in twenty odours, including Cologne and Lavender.



E 202, **21/6** per doz.

E 203, **25/6** per doz.

E 204, **12/6** doz.

ONE-DROP PERFUMES.

E 204

These are not so concentrated as the above, but are free from alcohol and exceedingly good value.

Made in twenty odours, including Cologne and Lavender.

All are packed in rod-stoppered bottles.

THE EMPIRE PERFUMERY CO., OLDBURY, ENGLAND

(CUXSON, GERRARD & CO., LTD., Proprietors)

EXPORT & COLONIAL INQUIRIES INVITED.

HAVE YOU ORDERED YOUR XMAS STOCK

OF

"THE GENUINE" EAU DE COLOGNE

OF

JOHANN MARIA FARINA, GEGENÜBER DEM JÜLICHS-PLATZ

COLOGNE

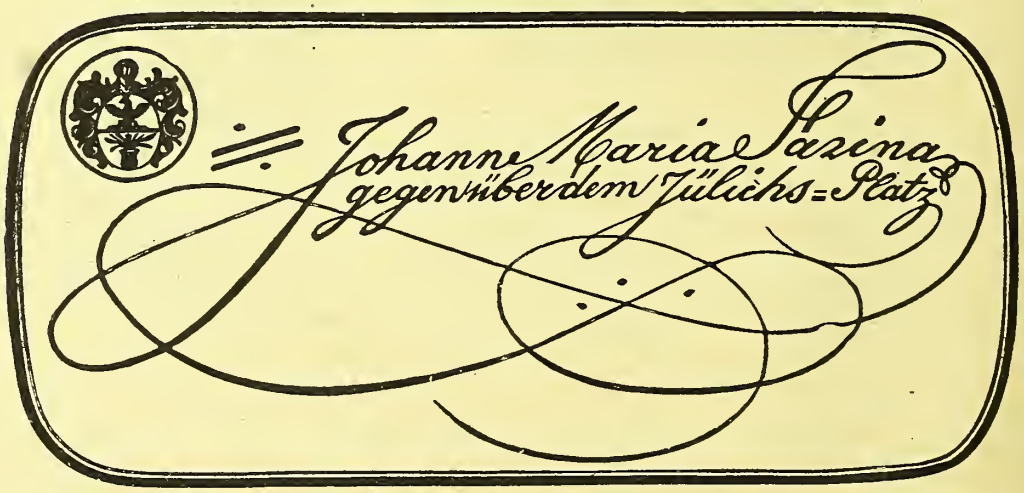
IT has had a world-wide reputation for over 200 years, and has obtained the highest awards at all International Exhibitions—London, 1851 & 1862; Paris, 1855 & 1867; Grand Prize, Paris, 1900.

IT sells at sight because it is the genuine and original Eau de Cologne, and as such the quality is guaranteed.

THE selling price is very much less than that uf any other first-class brand, and in many cases lower than that of many preparations called Eau de Cologne.

THE retailer is assured of an excellent margin of profit, and of repeat sales.

THE LABEL



HAS been widely imitated—but note the inverted "r" (almost like a "z") in the name Farina—and no less than thirteen actions have been brought in the High Court of Chancery to protect it.

HIGHLY advantageous prices and terms on application to the British Empire Distributors:—

BLACKALLER & PLEASANCE

8 LAURENCE POUNTNEY HILL :: :: LONDON, E.C. 4.

Duty-paid stock of all sizes for immediate delivery, carriage paid.

Eau de Cologne and Lavender Water

PRICES:

COLOGNE.—Wholesale : 2 oz., 36/- doz. ; 4 oz., 66/- doz. ; 8 oz., 120/- doz.
Retail : „ 4/- each ; „ 7/6 each ; „ 14/- each
4 oz. each in mauve box @ 69/- doz. (Retail price, 8/6 each)
LAVENDER WATER, 4 oz. Sprinklers, at 69/- doz. „ „ „ „
DISCOUNTS.—2½% on £5 orders, 5% on £10 orders. Carriage paid.
„ (EXTRA) FOR CASH WITH ORDER, 2½%.

Send a Cheque £9 11 9
Sale of Goods £14 17 0
Your Profit . £5 . 5 . 3
55% *on Outlay* or 35% *on Sales*

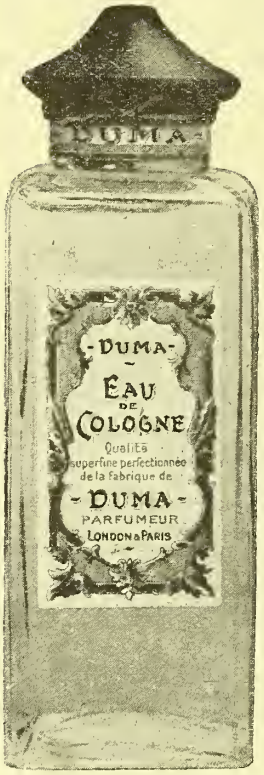
SPECIMEN £10 ORDER.

COST.				*SALES.*
1 doz. LAVENDER @ 69/- ...	£3 9 0	... ...	@ 8/6 each ...	£5 2 0
1 doz. COLOGNE (boxed) @ 69/- ...	£3 9 0	... ...	@ 8/6 „ ...	£5 2 0
1 doz. 2 oz. COLOGNE @ 36/- ...	£1 16 0	... ...	@ 4/- „ ...	£2 8 0
½ doz. 4 oz. „ @ 66/- ...	£1 13 0	... ...	@ 7/6 „ ...	£2 5 0
	£10 7 0			£14 17 0
Less 5% and 2½%	15 3			
	£9 11 9			

EVANS, GADD & CO.
LIMITED,
EXETER & BRISTOL.

EAU DE COLOGNE Duma

Possessing a rich bouquet of exceptional fragrance, featuring a clear departure from orthodoxy of style and get-up.



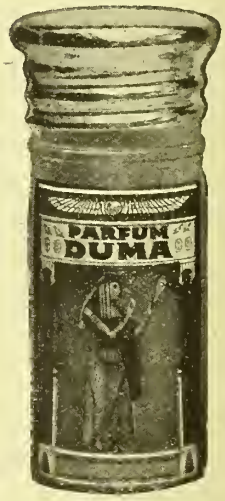
Cat.		Retail	W'sale
9001	2 oz.	5/-	42/-
9002	4 oz.	9/6	80/-
9003	8 oz.	18/-	151/-
9004	16 oz.	35/-	294/-

£5 lots 5% ; £10 lots 7½ % carriage paid.

FLASK FOR HANDBAG OR POCKET.

Cat.		Retail	Wholesale
9010	2 oz.	5/-	42/-

EAU DE COLOGNE GLACÉE



Cat.	Retail	W'sale
9050	3/6	31/6

EVANS SONS LESCHER & WEBB Ltd.

Wholesale Distributors of

MIDGLEY'S SOAPS & DUMA PERFUMERY

LIVERPOOL and LONDON

Description.		Wholesale.		Retail.
1-oz. Ring-Neck	... ...	20/– doz.	...	2/6
2-oz. Ring-Neck	... ...	36/– doz.	...	4/6
4-oz. Ring-Neck	... ...	68/– doz.	...	8/6
6-oz. Tourist Flat (Flat)	...	100/– doz.	...	12/6
8-oz. Square ...	... ...	120/– doz.	...	15/–
19-oz. Glass Stopd. Square	...	35/– each	...	52/6
29-oz. Glass Stopd. Square	...	50/– each	...	75/–
½-pint Wicker (reputed ½-pt.)	...	12/– each	...	18/–
1-pint Wicker (reputed 1-pt.)	...	22/– each	...	33/–
1-quart Wicker (reputed quart)		42/– each	...	63/–
Special. 1½-oz. Flask (Sprinkler)	...	30/– doz.	...	3/9

Order at once for immediate delivery for Xmas Trade.

Orders of £5 Carriage Paid.

5% *discount allowed for Window Display, and 2½% discount for Monthly Settlement.*

Sole Wholesale Agents for U.K. :—

VAN OPPEN, ROSS & IND, Ltd.,

38 BASINGHALL STREET,

: : LONDON, E.C. 2. : :

We take pleasure in
announcing our appointment as

SOLE REPRESENTATIVES in the U.K.

OF

Messrs. COTTAN, PERFUMERY MFRS. of Paris

Write us for prices and particulars
of these Most Exquisite Lines.

The Cooper Laboratory,

PROPRIETORS—

Chemicals & By-Products, Ltd.,
WATFORD.

DODGE & OLCOTT CO., 20 MARK LANE, **LONDON, E.C.3.**

THE "D & O" BRAND

is the "Standard of Quality" for

OILS of BAY, CEDARWOOD, PATCHOULI, PEPPERMINT, SASSAFRAS, ETC.
BALSAMS of Copaiba, Peru, Tolu,
TONKA BEANS, Angosturas.

Phone— CITY 2468.

Telegrams— "EGDARF, FEN, LONDON."

CHLOROPHYLL S

(aqueous solution)

Suitable for Perfumery, Confectionery, Liqueurs, etc.

ABSOLUTELY PURE AND GUARANTEED HARMLESS.

THE SANDOZ CHEMICAL CO. LTD., Bradford.

AN ORIGINAL XMAS SHOW IS IMPERATIVE THIS YEAR

The public are "difficult" just now. They are not buying perfumes they have known for years and which are sold here, there and everywhere. They want something new, the retail price of which is not obvious to the recipient. They also want specially good value.

THE 10/6 J. B. VARREL PERFUMES (PACKED BY DE LUZY, PARIS) are designed for "difficult" buyers.

FORÊT ROUGE, CARNIVAL FLEURI,
RAPELLE-TOI, COUPÉ EMBAUME,
SECRET DES BRUNES &
SECRET DES BLONDES

In perfect stoppered bottles, gaily labelled, in dainty cartons.
84/- a dozen. Carriage paid on one dozen.

W. H. CALNAN & CO.

30-32 LUDGATE HILL, LONDON, E.C.4

ISMA FLORAL OTTOS

IN ROD-STOPPERED BOTTLES:

The most perfectly packed lines ever offered to the Trade.

An OPPORTUNITY for EVERY CHEMIST to DOUBLE his present sales on NON-ALCOHOLIC PERFUMES.

SPECIAL BONUS OFFER.

	Cost. s. d.		Selling. s. d.
1 doz. OTTOS assorted on DISPLAY Cards	5 6	...	9 0
1 „ „ „ in „ Outers	6 6	...	12 0
1 „ „ „ „ BATTLESHIP Display Outers	7 0	...	12 0
1 „ „ „ „ ½ doz. ARCHWAY Display Outers ...	7 6	...	12 0
½ „ „ „ „ LIGHTHOUSES, each in Fancy Case (15/-)	7 6	...	15 0
1 „ COMPACT POWDERS assorted, with PUFF & MIRROR	gratis	...	12 0
COST	£1 14 0		£3 12 0
Less 10% cash 7 days	3 5		
Net Cost... ...	£1 10 7		£1 10 7
	PROFIT ... £2 1 5		

Assortment.

Muguet, Rose, Violette and Lilas—no fancy names which do not sell.

EVERY Enterprising Chemist can make £10 extra Profit during the next few weeks on these exquisite lines alone, this without interfering with ordinary trade.

PLEASE REMEMBER *that these Popular Priced Floral Ottos retailing at 1/-, sell very freely in any locality; they are bought by numerous ladies going to dances, theatres, or parties, who do not feel justified in buying more expensive perfumes.* ***This is EXTRA business and PROFIT for you.***

WRITE TO-NIGHT FOR BONUS PARCEL and if on receipt it is not to your liking, post back to us by return.

ALL ORDERS dispatched by post the same day as order is received.

PARFUMERIE ISMA, TUNBRIDGE WELLS.

Agents required where not represented.

NESTOR MOURANCHON.

Offices: 40 Rue Damremont, PARIS. Telegrams: "Barthgay Paris." Telephone: Marcadet 15/92.
Distilleries and Laboratories; Chateauneuf-Val-St.-Donat (nr. Grasse), and Romans (Drôme).

SPECIALITIES: Menthes, Neroli, Petitgrain, Patchouli, Otto of Rose, Violet Essence, Gant de Saxe.
"ESSENCES DE MONTAGNE" and Imported Products.
Lavender, Aspic, Thyme, Girofle, Badiane, Geranium, Ylang Ylang, Musk, Ambre.

PRICE LIST ON APPLICATION TO WHOLESALERS ONLY.

Sole Agents for British Isles and Colonies:—

A. BREZET & CO. LIMITED,

19 ST. DUNSTAN'S HILL, LONDON, E.C. 3.

Telephone: Avenue 3543. Telegrams: "Abrezical, Phone, London."

TERPENELESS OILS

BRITISH MADE

We manufacture exclusively ourselves all kinds of Terpeneless Oils, and invite inquiries from users throughout the world.

WE SPECIALISE IN TERPENELESS:

Anise (Anethol)
Bay
Bergamot
Caraway
Cassia
Cinnamon
Clove
Dill
Geranium
Ginger
Juniperberry
Lavender
Lemon
Limes
Mandarin
Nutmeg
Orange
Peppermint
Petitgrain
Rosemary

CINNAMIC ALDEHYDE
GERANIOL
CITRAL
EUCALYPTOL

SICILIAN
LEMON - BERGAMOT
ORANGE - MANDARINE.

SPINELLI

The Oils that have a Long Reputation for Quality.

In the manufacture of our Terpeneless Oils it was imperative that we secured the very finest Sicilian Oils to work upon. After several exhaustive tests we came to the conclusion that the "SPINELLI" brand of Sicilian Oils gave us the best results. As we were able to place large orders for our own needs with the manufacturers, we have pleasure in stating that they have entrusted us with their British Agency, and we offer to users of Sicilian Oils the benefit of our experience. There is a quality in every package. Guaranteed Genuine Oils of authentic origin, and to conform to any analysis as to purity.

HOLLANDS DISTILLERY LTD.

Lavington Street, Southwark, LONDON, S.E. 1.

A B C Code, 5th Edition.
Western Union.

Telegrams: "LANDSLOH LONDON."
Telephone: Hop 898.

AUSTRALIAN AGENTS.—OURY, MILLAR & CO., LTD., 350 Kent Street, SYDNEY.
INDIAN AGENT.—Mr. W. CARR, c/o GRINDLAY & CO., BOMBAY.

ESSENFLOUR PRODUCTS LTD.

MYSORE (S. INDIA)

Distillers of Essential Oils and Manufacturers of Perfumery Products

AMBRETTE SEED OIL	EUGENOL
CARDAMOM OIL	GINGER OIL
CORIANDER OIL	GINGERGRASS OIL
CINNAMON BARK OIL	NUTMEG OIL
CINNAMON LEAF OIL (a Speciality)	PALMAROSA OIL
CLOVE OIL B.P.	PATCHOULY OIL
DILL OIL (East Indian)	VETIVERT OIL (S. Indian)

Sole Agent for Europe—

K. B. MAVLANKAR

26/27 Hatton Garden, LONDON, E.C.1

and 29 Corporation Street, MANCHESTER.

INSECT FLOWERS

(Japanese Best Quality).

1919 Crop was only 50 % of that of 1918, and present prices are 400 % higher than 1918. 1920 crop to be harvested May-June is estimated 20 % below that of 1919. If demand continues as at present, the present unprecedently high price will be exceeded.

We have shipped hundreds of tons with unanimous satisfaction to our customers.

Cable us your inquiries.

We are an all British - American firm, specialising in business that ensures satisfaction.

The Mutual Traders,

24 Nakayamate-dori, 2 chome,

KOBE, JAPAN.

Cable Address—"Simsland." [7]

NEROLI BIGARADE

TERPENELESS ESSENTIAL OILS

"Tank" Brand.

PURE SICILIAN ESSENTIAL OILS

The Best on the Market

EXPORTATION THROUGHOUT THE WORLD

GIUSEPPE MACAJONE, MILANO

Via Canova 25 **(Italy)**

BOURJOIS

PARIS.

POUDRE de RIZ de JAVA

No. 45. 2/- Size.		
1 doz.	...	16/- doz.
6 ,,	...	15/9 ,,
12 ,,	...	15/6 ,,

No. 495. 1/3 Size.		
1 doz.	...	11/- doz.
6 ,,	...	10/9 ,,
12 ,,	...	10/6 ,,

The P.A.T.A. prices for "Poudre de Riz de Java" are 2/- and 1/3 per box.

"JAVA" Powder is now being largely advertised to the public.

LOOK TO YOUR STOCKS.

A. BOURJOIS & Cie, Ltd., 66 Carter Lane, LONDON, E.C. 4.

Also manufacturers of the celebrated "ASHES OF ROSES," 15/- per dozen.

STRODONIA Vanishing Cream.

NOW SUPPLIED IN

ALUMINIUM SCREW-CAPPED JARS.

10½d. size—7/6 doz. 1/3 size—10/6 doz.

FROM LONDON WHOLESALERS.

Direct orders value £5, subject to 1 doz. 1/3 size Bonus for window display and 5% discount cash, one month; £2/10/0 subject to ½-doz. 1/3 size Bonus for window display, net.; £1/10/0 subject to ½-doz. 1/3 size Bonus for window display, net. Carriage paid on £1/10/0 upwards.

STRODE COSH & PENFOLD, Broadmead, BRISTOL.

A. GIDLOW & CO.

(ESTABLISHED 1896)

Broom Lane, Levenshulme, MANCHESTER.

MANUFACTURERS OF

SHAVING CREAMS

Packed in 1-lb., 2-lb., 7-lb. Boxes and 56-lb. Cases.
Also packed in Collapsible Tubes.

PROPRIETORS & MANUFACTURERS OF

RENARD'S POMADE HONGROISE

Also supplied in unlabelled Tubes and Bulk.

SAMPLES AND PRICES ON APPLICATION.

WHOLESALE ONLY.

"IRISH ELEGANCE" [Regd.]

The Winning Perfume—Fragrance of Midsummer Roses.

In three sizes	*Wholesale*	*Retail*
Small	28/- doz.	3/6
Medium	48/- ,,	6/-
Large	168/- ,,	21/-

Usual Trade Terms.

PRODUCT OF

The EVAN-WILLIAMS Co., Ltd.

18-18a Ogle Street, London, W. 1.

SHOWCARDS SUPPLIED.

MALACEÏNE

MALACEÏNE PRODUCTS

Manufactured by

"PARFUMERIE MONPELAS"

PARIS.

On the P.A.T.A.

No.		Wholesale Price Per Doz.	Minimum Retailing Price Each.
62	Crème Malaceïne, Small size - -	21/-	2/6
63	,, ,, Medium size- -	42/-	5/-
64	,, ,, Large ,, - -	66/-	7/6
67	Poudre Malaceïne - - - -	34/-	4/-
71	Malaceïne Toilet Soap - - -	31/-	3/6
78	,, Shaving Soap - - -	31/-	3/6

SHOWCARDS SUPPLIED.

An extensive Advertising Campaign is now proceeding in all the principal Society Papers.

SPECIAL TERMS for Home Trade—

Small quantities - - - - - $7\frac{1}{2}$% 1 Month

£5 lots and upwards - 5% Invoice and $7\frac{1}{2}$% 1 Month

SOLE WHOLESALE AGENTS FOR

GREAT BRITAIN, IRELAND, SOUTH AFRICA and INDIA—

WILLIAM TOOGOOD LTD
77, SOUTHWARK ST
LONDON, S.E.1.

GIVE it a good show and it sells itself. There is nothing just like it. The excellence of the product and the practicability of the box make customers for you.

Shows you 33⅓% on selling price.

POUDRE NILDÉ

in the Sifter Box.

Appeals irresistibly to every woman. The quickest selling line of face powder ever shown.

MINIMUM SELLING PRICES:

ROUGE INVISIBLE NILDÉ

in the sifter box.

Small size	1/6
In leather case	5/6

Tints:
Brune & Blonde

POUDRE NILDÉ

in the sifter box.

Handbag size	1/-
Medium size	2/-
Large size	3/6
Leather or fancy silk vanity cases, with mirror, small size	5/-
Medium size	7/6
Large size	10/-

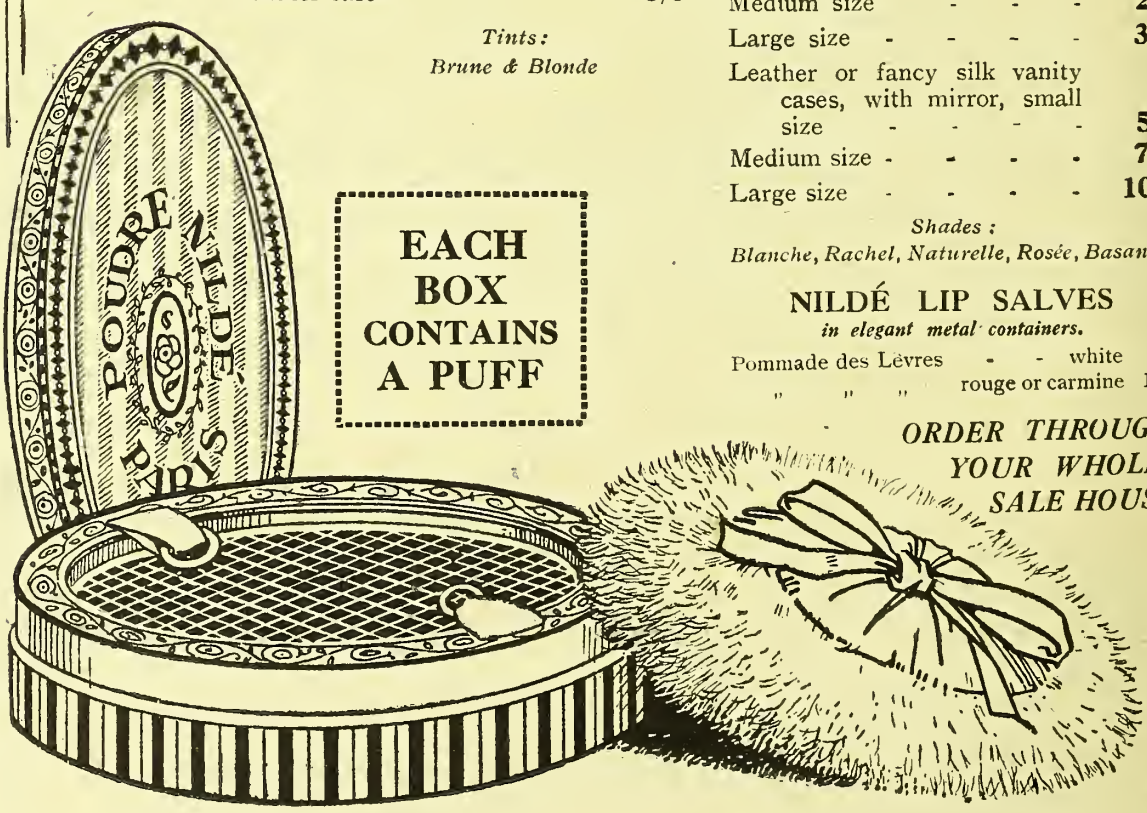
Shades:
Blanche, Rachel, Naturelle, Rosée, Basanée.

NILDÉ LIP SALVES

in elegant metal containers.

Pommade des Lèvres	white	1/-
" " "	rouge or carmine	1/3

EACH BOX CONTAINS A PUFF



ORDER THROUGH YOUR WHOLESALE HOUSE

GET your stock ready to meet the demand we are creating. This product is as good as the face powder, and will sell as easily.

Shows you 33⅓% on selling price.

CRÈME DE BEAUTÉ NILDÉ

A perfect product in a practical and attractive packing. Will be largely and widely advertised to the public for our mutual benefit.

A reproduction of the press advertising will be sent you on request to our agents.

MINIMUM SELLING PRICE 2/-
Large 3/-

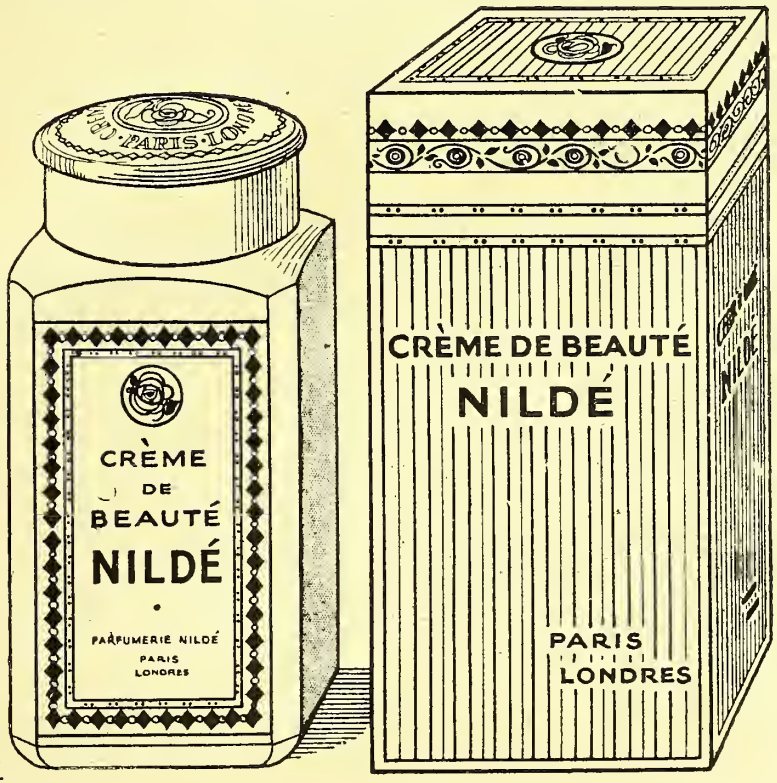
In two Shades:
Blanche and Naturelle

ORDER THROUGH YOUR WHOLESALE HOUSE.

NILDÉ, Paris

British and Colonial Agents:

8 BLENHEIM ST., LONDON, W.1.



MOORLAND PHARMACY SERVICE

W. B. Cartwright, Ltd.

RAWDON NEAR LEEDS.

The Leading House of Ideas for Pharmacy.

Offer an unique service to both manufacturers and retailers who require advice and assistance upon matters relative to advertising and selling.

We invite correspondence with manufacturers of really High-class Preparations, Toilet Specialties, Perfumery or Sundries, provided they are lines that will not clash with our present interests.

We are in an unique position to give you the best provided your lines are such as we can have confidence in.

Advertising must be well done to be effective—there is nothing upon which you can waste more money than ineffective publicity. If you have ***the*** line we can create ***the*** market for you.

ADDRESS
PUBLICITY DEPT.

MOORLAND BRAND

MOORLAND
PHARMACY SERVICE

WM. EDWARDS & SONS

WE CONFIDENTLY OFFER

"VICTRA"

TOILET SPECIALITIES

BECAUSE

"VICTRA" SERIES SUPPORT ALWAYS THE BENEFICIAL CLAIMS MADE FOR THEM.

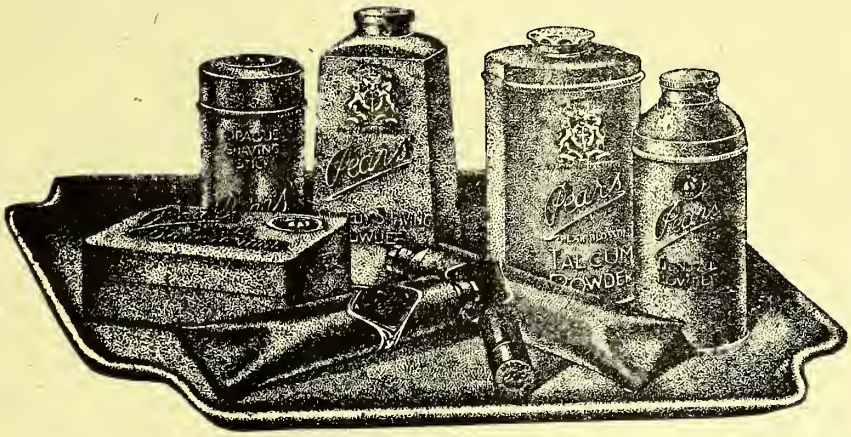
BECAUSE

"VICTRA" SPECIALITIES ARE POPULAR-PRICED, AND

BECAUSE

THE UNVARYING HIGH QUALITY OF "VICTRA" SERIES CANNOT BE SURPASSED.

157 QUEEN VICTORIA STREET and
239 & 240 Upper Thames Street - LONDON, E.C. 4.



Pears' Golden Series as a Christmas present is a suggestion of value which cannot fail to please your customers.

Pears

A. & F. Pears, Ltd., 71-75 New Oxford Street, London, W.C. 1.

The three quick
SELLING LINES
with a good profit.

Anzora Cream for those with slightly greasy scalps, and
Anzora Viola, most suitable for those who have a dry scalp.
Anzora Beta-Naphthol Soap (Powdered) for Shampooing.

Don't forget, we back you with
Forceful Publicity
Attractive Showcards
Handsome Profits

Obtainable from all Wholesalers.

TRADE TERMS.
12/- doz. ... retailed at 18/-
20/- ,, ... ,, ,, 30/-

Write to-day for particulars of Special Display Terms.

ANZORA

Masters the Hair

Anzora Perfumery Co., Ltd., Willesden Lane, London, N.W.6, England

Mr. Geo. R. Sims' "Tatcho" and "Tatcho-tone."
A big vigorous, impressive advertising campaign, covering the whole of the British Isles, is now being pursued. A vastly increased volume of business is inevitable. Generous profit to the trade has been arranged.

TATCHO
THE HAIR GROWER
Price 2/9
Wholesale: **26/-** PER DOZEN.

TATCHO-TONE
FOR GREY HAIR
Price 4/6
Wholesale: **42/-** PER DOZEN.

GEO. R. SIMS' HAIR RESTORER CO.
5 Great Queen St., Kingsway, LONDON, W.C.2.

Quin-Quenna
BETTER THAN A SHAMPOO

Known sellers giving a proper profit are the lines one can only handle nowadays—something in which the "risk" has been proven extinct. "Quin-Quenna" is such an article, and never lets a chemist down.

4/- per. dozen. Packed in "sale-compelling" "no-talk" display carton, each 6 doz. and 1 doz. bonus. 1 gross orders, carriage paid.

43%
THOS. CHRISTY & CO.,
4-12 Old Swan Lane, E.C.4.

Show in the window the handsome 6 doz. show-outer (with 1 doz. bonus). Stick-on-the-window "Daily Mail" and "Diamond" bills, use the wrappers and put up the "shelf" slips and showcards. The Press does the rest. Simple, is it not?

Each pkt. contains sufficient for two generous applications of this wondrous hair-grower, waver and beautifier—thus it is **economical.**

6D.

The Evan-Williams
Always in Great Demand.
Price List on Application.
The Evan-Williams Co., Ltd., 18, Ogle Street, W.1.
ORIGINAL HENNA SHAMPOO.

PROTECTS from all weathers, preserves the COMPLEXION
MOKOL SOFTENS ROUGH HANDS FACE CREAM FOR THE SKIN **MOKOL**
Reg. INDISPENSABLE IN THE HOME Reg.
For LIBERAL Wholesale Terms write to—
THE MOKOL CO., 98 Hatton Garden, London, E.C.

Wholesale and Export ONLY.
COMBS
DRESSING - RAKE - TOOTH
Write for Samples and Quotations for immediate delivery.

J. A. BROTHERS,
17/18 Chapel St., Whitecross St., London, E.C.2
Phone: CITY 5321.

There are many cheaper Creams than Tokalon —but your Customers don't want them. There may be better Creams than Tokalon —but just try to find them!

CRÈME TOKALON

PRICES 1/6 & 2/6

With the help of our advertising, you, Mr. Chemist, have to sell Tokalon cream and powder to your customer **the first time**, but from then onward **they sell themselves.** After once testing these remarkable products the customer will not feel satisfied with any others.

Why it is that Peggy O'Neil finds Crème Tokalon so different from all others.

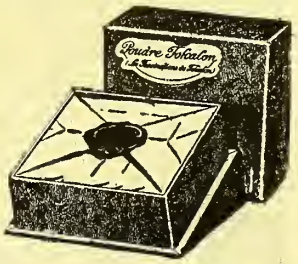
Crème Tokalon imparts marvellous beauty to the complexion because it contains buttermilk and other skin-preserving and nourishing ingredients found in no other Cream.

COMPLEXION PERFECTION is merely a matter of using CRÈME TOKALON (Pronounced Toke-a-lon)

What Peggy O'Neil says about CRÈME TOKALON & POUDRE TOKALON.

"May I add my word of praise to your delightful Crème Tokalon. I've been in England but a short time, and I'm happy to have found this spendid Crème. It beats any other, and my dressing table in hotel and theatre is never without this new luxury. The poudre, too is delightful, and I'm more than glad to have found it." Peggy O'Neil

POUDRE TOKALON



PRICES 1/11 & 2/11.
In compressed form (Comprimes) 1/6 each.

Our goods, bought on best terms, Show you 57% PROFIT on your Outlay.

Show-Cards sent free on request.

Carriage Paid on all Orders for 3 doz. or over.

Why it is that Peggy O'Neil finds Poudre Tokalon so different from all others.

One of the charms of Poudre Tokalon is its extreme fineness, produced by the "air floating" process which we use exclusively in manufacturing the powder.

YOU SHOULD ALWAYS KEEP THESE TWO QUICK-SELLING LINES IN STOCK.

TOKALON LIMITED, 212-214, Great Portland Street, London, W.

SAPON SOAP

DELIGHTFUL TO USE—PROFITABLE TO SELL—PERFECT FOR THE SKIN.

MADE FROM CEREAL BY-PRODUCTS.

DOES NOT COMBINE WITH LIME OR MAGNESIA SALTS IN WATER.

LATHERS FREELY IN HOT OR COLD, SOFT OR HARD, AND EVEN SALT WATER.

WONDERFUL - RUSSIAN TAR, SWEET - SCENTED, IDEAL, AND OTHER VARIETIES.

RECOMMENDED BY DOCTORS AND NURSES EVERYWHERE.

We are in no way connected with any combine of soap makers.

BETTER SOAPS—BETTER PROFITS.

WRITE FOR PRICE LIST:

SAPON SOAPS LTD., LONDON BRIDGE, E.C. 4.

The Finest Toilets obtainable from Powder Nilde Volnay Perfumes from Etc.

Look out for Stock Rooms

Northern Agents of

BEAZ Ltd.

BEES BUILDINGS

BLACKPOOL

Regent Toilet Co. London

PRICE LISTS ON APPLICATION.

MANICURES AND ALL SUNDRIES.

Delefine & Zeba Toilets & Perfumes

Try the Vanishing Cream
Perfumes
Bath Crystals
Toothpaste
Massage Creams

Shaving Creams
Brilliantines
Hair Tonics
Hair Creams
Etc., etc.

To Satisfy your Customers Is to Increase your Business

LINARIS TOILET PREPARATIONS

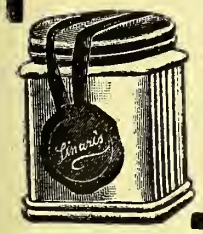
(1) Give absolute satisfaction—Guaranteed
(2) Are prepared from the finest Drugs obtainable.
(3) Show splendid profits to the Retailer.
(4) Invariably bring repeat orders.
(5) Are beautifully packed in Opal-topped Jars and large golden boxes tied with purple ribbon. Make a splendid counter show.

LINARIS Vanishing Cream
LINARIS Bath Powder
LINARIS Henna Shampoo Powder
LINARIS Camomile Shampoo Powder
LINARIS Massage Cream
LINARIS Tonic Cream
LINARIS Beauty Cream
LINARIS Face Powders

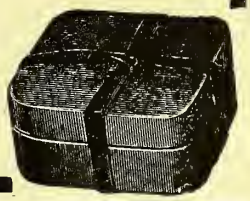
Profit of over **33⅓%**

Send direct to

LINARIS TOILET PREPARATIONS (Dept. X)
31 Westbourne Grove, London, W.2



Carriage paid on all orders over £5.



"Newbery's"
FRANCIS NEWBERY & SONS LTD

You will profit by stocking our Packed Goods, and your customers will obtain satisfaction.

Castor Oil	Brilliantines
Syrup of Figs	Hair Cream
Medicinal Paraffin	Dental Cream
Chemical Food	Smelling Salts

Bath Salts

All these lines attractively packed.

CHARTERHOUSE SQUARE, LONDON, E.C. 1.

DEARBORN
LIMITED
37 Gray's Inn Road, LONDON, W.C.

Toilet Specialities.

	Price per doz. to Retailer.	Selling Price P.A.T.A.
PILENTA SOAP - A complexion soap.	10/-	1/-
PROLACTUM - - For the lips.	10/-	1/-
PARSIDIUM JELLY For wrinkles.	10/-	1/-
ALLACITE of ORANGE BLOSSOM A dressing cream.	22/6	2/6
BORANIUM - - A hair tonic.	22/6	2/6
CLEMINITE - - For a face lotion.	22/6	2/6
COLLIANDUM - - For a face tint.	22/6	2/6
PERGOL - - - A deodorant.	22/6	2/6
STALLAX - - - For a shampoo.	22/6	2/6
JETTALINE - - For clearing the skin.	31/6	3/6
PHEMINOL - - A depilatory.	36/-	4/-
MENNALINE - - For the eyelashes.	36/-	4/-
MERCOLIZED WAX A face cream.	31/6	3/6
STYMOL - - - For oily complexions and blackheads	36/-	4/-
BARSYDE - - Dandruff eradicator.	22/6	2/6
TAMMALITE - - For grey or faded hair.	22/6	2/6
LIQUID PERGOL - To check excessive prespiration locally.	31/6	3/6
BICROLIUM - - For whitening the hands.	22/6	2/6
HARAPOSA - - Nut oil shampoo.	22/6	2/6

STOCKED BY ALL WHOLESALE HOUSES

COLONIAL DEPOTS AND AGENCIES.

AUSTRALIA:
ALL WHOLESALERS, and
DEARBORN, Ltd., Grace House, Clarence Street, Sydney.

SOUTH AFRICA:
LENNON & CO., Ltd. (Cape Town)
SIVE BROS. & KARNOVSKY, Ltd. (Johannesburg)

INDIA:
KEMP & CO., Ltd. (Bombay)
THE INTERNATIONAL TRADING CO., Princess Street (Bombay)
R. MACLURE (Madras)
SMITH, STANISTREET & CO. (Calcutta).
MEHTA BROS. (Calcutta)
JAMNADAS BROS. (Bombay)

NEW ZEALAND:
SHARLAND & CO., Ltd. (Auckland & Wellington)

SOUTH AMERICA:
DEARBORN, Ltd., Calle Salta 264, Buenos Aires.

CALOX

The Oxygen Tooth Powder

The fact that, despite difficult conditions, Calox has not only held its ground but increased its popularity, gives added proof of its already well-proved value.

So perfectly does Calox meet the requirements of dental and oral hygiene that it enjoys the wide approval of eminent dental practitioners and the repeated recognition of the scientific press.

Calox is attractively packed and well advertised.

McKESSON & ROBBINS, New York, U.S.A., Manufacturers.

British Depot: G. B. KENT & SONS, Ltd., 75 Farringdon Rd., London, E.C.1

Canadian Depot: National Drug and Chemical Co. of Canada, Ltd., Montreal.

Australian Depot: GEO. WILLS & CO., Ltd., Melbourne.

A *NEW* SIZE

OF

CALVERT'S

Carbolic Ointment

THE 2/3 TIN

has been brought out for the Home market, as the limited supplies of the 2/9 jars are quite inadequate to meet the demand.

To avoid delay and disappointment, therefore, chemists are requested to order their supplies in tins (two sizes, 1/3 and 2/3 retail) instead of the 2/9 jars, which are not likely to be available.

Current Price List sent post free on request.

F. C. CALVERT & CO.,
MANCHESTER.

FOR LARGE BUYERS.

Vanishing Creams

ALSO

Shampoo Powders, Pomade Hongroise, Brilliantines, Dry Shampoo (Liquid), Bay Rhums, Toilet Paraffins, Lime Creams, Shaving Sticks, Tooth Powders, Dental Creams, and all Toilet Goods.

LOW PRICES for HIGH QUALITY.

C. A. STOKES & CO., Ltd.

Manufacturing Chemists and Perfumers,

11 ECLIPSOL WORKS, BRISTOL.

PRICE'S REGINA Shaving Stick

Supplied in either enamelled metal, or nickel cases.

A FINE LINE SHOWING AN ATTRACTIVE PROFIT

ORDER "REGINA"
AND HELP THE EXCHANGE

Samples & Quotations from
PRICE'S
BATTERSEA. LONDON. S.W.11

Wholesale & Export Only.

VERNON POWELL, Ltd.
The House for Toilet Requisites.
9 & 10 St. Andrew's Hill, E.C. 4.
Telephone: CITY 3125.

Send to us for

COMBS
OF EVERY DESCRIPTION
BRUSHES
HAIR.....NAIL.....SHAVING
NAIL FILES
MANICURE SUNDRIES
SHAVING OUTFITS
WRITE US TO-DAY.

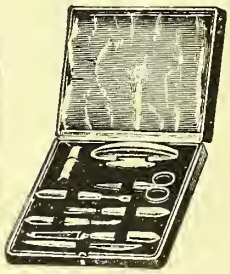
BIDWELLS

SPECIAL NOTICE.

We are now putting up £12 parcels of assorted HAIR BRUSHES, and £3 parcels of NAIL BRUSHES, suitable for Christmas Trade. Attractive lines and good value. Let us send you one.

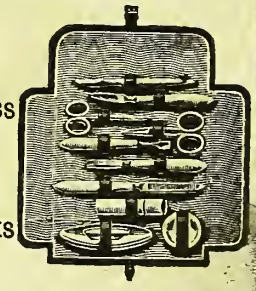
AXMINSTER - - DEVON.

We Manufacture all we sell. **We have representatives in Manchester, Glasgow & Ireland.** **Wholesale & Shipping only supplied.**



MANICURE SETS
MANICURE PARTS
HANDLES
NAIL FILES

DRESSING COMBS
DUST COMBS
BRUSH BACKS
ERINOID ARTICLES



MYERS, LUMOS & CO., Ring up North 2976.
Sales Offices - 68 Blackstock Rd., Finsbury Park, N.4.
Factories: Islington & Finsbury Park, London, N.4.

HAIR BRUSHES
NAIL BRUSHES
CLOTHES BRUSHES.
SHAVING BRUSHES
Everything in the way of Brushes.

Telephone: MUSEUM 2111.
Telegrams: "AWHILE, WESDO, LONDON."

TITTERTON & HOWARD LTD., 8-10 GT. TITCHFIELD STREET, LONDON, W.1.

Macmilatur

REG. TRADE MARK.

HIGH-CLASS MANICURE PREPARATIONS

LONDON .·. PARIS

¶ Our High-class Manicure Preparations are put up in a blue and white striped packing under the registered Trade Mark.

Macmilatur REGD.

No.		Price per doz. to Retailer	Selling Price
732	White Nail Polishing Stone	5/6	9d.
596	" " " " Large Size	12/-	1/6
726	Flexible Emery Boards	5/6	9d.
724	Genuine Orange Sticks	12/-	1/6
734	Nail Polishing Cream, Waterproof	12/-	1/6
722	Cuticle Cream	12/-	1/6
738	Liquid Nail Varnish	12/-	1/6
744	Nail Polishing Powder	12/-	1/6
	"Compact" Manicure Set with Ring Polisher and Plated File	48/-	6/6

MACMILLAN & ARTHUR

1, 2, 3 & 4 Giltspur Street, E.C. 1.

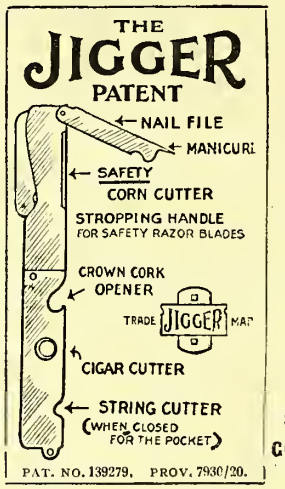
ORDER NOW!

Why throw away your old Safety Razor Blades? Use them in the "JIGGER"

NEAT AND FLAT IN THE POCKET.

PERMANENTLY SHARP

HIGHLY PLATED



RENEWABLE BLADES WHICH COST NOTHING

SHOWS A GOOD PROFIT

Advertised in all the leading papers. Attractive show matter supplied free. Obtainable from all wholesalers, or from

Sole Proprietors—

WATSON, SON & CO.

70a Basinghall Street, London, E.C.2.

[1]

TWO DAINTY LINES
THE BEST ON THE MARKET.

Actual size.

NOW IN STOCK. Packed in Pre-war Style Aluminium Hinged Boxes (enamelled finish) and Show Boxes of 1 dozen.

Per 6/- doz.

In Screw-top Boxwood Cases and Outers of 1 dozen with Showcards.

Per 4/- doz.

Manufactured by

SOLPORT BROS., LTD.

184-190 Goswell Road, London, E.C. 1.

Obtainable through all Wholesale Houses.

TABLETS.

ASPIRIN
PHENACETIN CO.
SACCHARIN.

LOWEST PRICES.

TIMOTHY WHITE CO. LTD., Manufacturing Chemists, PORTSMOUTH.

SACCHARIN

POWDER
CRYSTALS
TABLETS

All products guaranteed of the very highest quality.

Lowest Export Prices.

ROB. WIRZ - BASLE, Switzerland.

ESTABLISHED 1839.

CHEMISTS' OVERALLS

From GARDINER & CO.

We supply protective overalls in any colour or style required. They are made by experienced hands for all branches of the Chemical trade.

KHAKI DRILL	17/6	21/-	26/6
WHITE DRILL	18/11	20/6	
BLACK DRILL	19/6		

Sizes 34, 36, 38, 40, 42 and 44 inches over waistcoat.

SPECIAL QUOTATIONS FOR QUANTITIES.

GARDINER & CO. (THE SCOTCH HOUSE) LTD.

1 Commercial Road, E.1.

Teleg.: "Durastyle, Phone, London." Phone: Av. 6650 (4 lines.)

Let Violiv Ice—— help you to better your business—— and your profit.

VIOLIV ICE

An Attractive Winter Line that keeps the hands fine.

Like other members of the Violiv family, this popular emollient has won its way though sheer merit. It has proved a ready seller wherever introduced, and during the winter season is in great demand.

Stock it and show it prominently to the public—you will reap the benefit of greatly increased business—your customers will be satisfied—and your profits will mount rapidly.

Send Your Trial Order to-day and give VIOLIV ICE a chance. Terms :—

1 gross at 2/- per dozen. 1 gross 24/-
2½% discount for 5 gross cartons.
5 % ,, ,, 10 ,, ,,
7½% ,, ,, 20 ,, ,,
10% ,, ,, 50 ,, ,,
7½% discount for cash with order
2½% discount for 14 days. NET monthly.

Selling the GOODS

Service is the element which brings success in selling.

A real Service to your customers is quality and merit in everything you stock.

Violiv goods have both quality and merit to commend them, plus a good profit to you.

You benefit both ways. Good service and good profits are yours.

Sole Agents—

PATTINSON & MACKIE, Ltd.

Albion House,

59 New Oxford Street - LONDON, W.C.1.

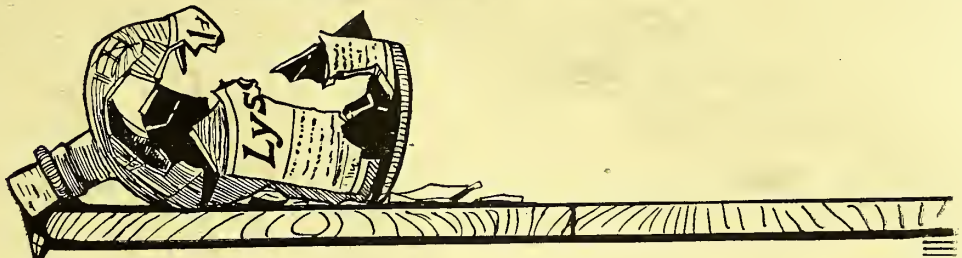
Manufactured by Violiv Manufacturing Co., Ltd., Edinburgh.

V 35 Nor Ad.

The Old.

LYSOLID

The New.



Embe

LYSOLID

The Solid Lysol.

Prov. Patent No. 16799.

can be carried anywhere in perfect safety.

It is packed in handy little sections easily soluble in water. One section giving a 3 per cent. solution when dissolved in a pint of water.

LYSOLID, on expert testimony, is proved to equal in antiseptic properties the old Liquid Lysol.

LYSOLID, the Solid Lysol, may be used in any climate. There is no fear of breakage or leakage, making it a boon to those making frequent use of Liquid Lysol.

Are you acquainted with Lysolid as a selling proposition. Are you aware of the splendid profit it will bring you through the certain demand it will create ?

Write us to-day for Sample and Trade terms.

If you are interested in a sound selling proposition

PATTINSON & MACKIE, Ltd
ALBION HOUSE,
59 NEW OXFORD ST.
LONDON, W.C.1.

Sole Manufacturers:
M.B Laboratories, Ld.
Southampton.

JOB BROTHERS

GUARANTEED PURE GENUINE

NEWFOUNDLAND NON-FREEZING MEDICINAL COD LIVER OIL

IS THE FINEST OIL PRODUCED

It is perfection in colour, smell, taste and absolute purity.
Manufactured from the finest fresh Cod Livers on same day as fish caught.

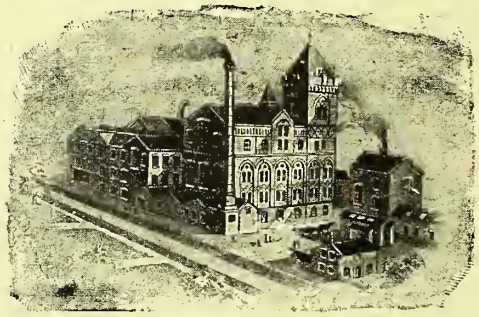
WHOLESALE ONLY

JOB BROS., Manufacturers, Tower Building, LIVERPOOL

Telegraphic Address: "JOB LIVERPOOL." Tel.: 1039 CENTRAL

And of ST. JOHN'S, N.F. Established 1780.

"John Bull" (REGD.)



MALT EXTRACT

and

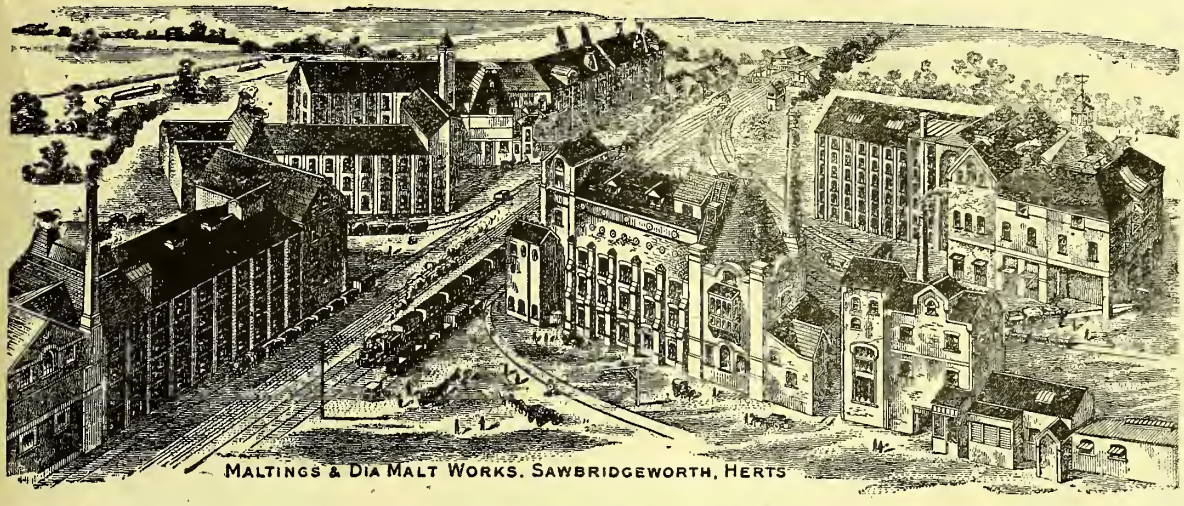
COD LIVER OIL

IS THE BEST!!

Supplied in Bulk, Jars, Cardboard Containers, &c., for Wholesale and Export only.

MALT EXTRACT POWDER. MALT FLOUR for INFANTS' and INVALIDS' FOODS

PAINE & CO., LTD., ST. NEOTS, HUNTS.



MALT EXTRACT & COD LIVER OIL

Guaranteed 15 per Cent.
In Strict Accordance with B.P.C. and N.H.I. Requirements

Only Finest Norwegian Cod Liver Oil is used.

Supplied in SCREW-CAPPED, AIR-TIGHT Round AMBER JARS

Quotations and Specimen Labels on application. *Terms : Net Cash, Monthly a/c, Carriage Paid*

Chemist's own Name and Address printed on label on orders of 6 dozen upwards

Season Contracts are NOW being booked

H. A. & D. TAYLOR, Ltd.

HIGH-CLASS MALT EXTRACT MANUFACTURERS,

Head Office: SAWBRIDGEWORTH, HERTS.

Maltings at Sawbridgeworth, Bishops Stortford, Bury St. Edmunds, Newmarket, and Newark-on-Trent.

Northern Agency: J. B. CROSSLEY, Arcade Buildings, 85 Lord Street, Liverpool.

ALL REACTIONS of the Body Fluids and Tissues are COLLOIDAL.

"Collosols" are pure and stable colloidal solutions, isotonic and isomorphic with the elements of the body.

CROOKES'
COLLOSOLS

"Collosols" are tested by ultramicroscopic bacteriological and clinical experiment.

COLLOSOL SULPHUR

Collosol Sulphur is not presented as a substitute for the Spa treatment of such affections where Spa treatment is available, but as a supplement to it. A course of treatment at a Spa can be followed up by the exhibition of Collosol should relapses occur.

For patients who are unable to take a course of Spa treatment, practitioners will find Collosol Sulphur invaluable.

It is prepared in five different forms—for external use and bath medication, for internal administration, for injection, and as a cream, with which the affected part is gently massaged. Also as an oil for the scalp.

Also the following COLLOSOL Preparations:—

ARGENTUM, ARSENICUM, CUPRUM, FERRUM, HYDRARGYRUM, IODINE, MANGANESIUM, PALLADIUM.

Kindly Note Change of Address

FULL EXPLANATORY BROCHURE OF ALL COLLOSOL PREPARATIONS WILL BE SUPPLIED FREE ON APPLICATION.

The CROOKES' LABORATORIES

22 CHENIES STREET, TOTTENHAM COURT ROAD, W.C. 1.

Telephone: MUSEUM 3663.

Special Autumn Offer to Increase YOUR Turnover

TO meet the ever-growing demand for ENO, and also the requests of numerous chemists throughout the country, we are making a special offer to the retail trade—**UNTIL DECEMBER 31st ONLY**—of Half-Gross Lots of ENO on our usual Window Display Terms (14 days' display and cash with order), at an inclusive price of £8 10s., carriage paid to your door. Cases are not returnable, but the market value of each is at least 6s.

This offer represents a definite PROFIT to you of £2 6s. on your outlay, but orders on these terms can only be executed in England and Wales.

ENO is an all-the-year-round Health Drink, and your customers need it more than ever now to maintain the beneficial effects of their holidays. Besides this, ENO is one of the best-selling proprietary articles (P.A.T.A.) you can stock, because its consistent high quality and purity have won public appreciation and preference throughout the world for more than 50 years, and because ENO national advertising is constantly creating new customers and co-operating with your own selling efforts. For these reasons you cannot afford to overlook this special offer.

ENO's FRUIT SALT

"Brings Health to your Customers and PROFIT to your Business"

The ENO Symbol of Happiness

For further particulars please write to the SALES MANAGER, J. C. ENO, Ltd., Blackfriars House, New Bridge St., London, E.C.4.

Why it Pays to Sell Doan's

Purchased in six-dozen lots there is a gross profit of **£3:0:0** to the Retailer. Based on a sale of only twelve boxes a week, Doan's Pills mean an annual gross profit to you of **£26:0:0**

P.A.T.A. prices:

	England (Scotland and Wales)			Ireland (Channel Isles and Isle of Man)		
	Per dozen in 6-dozen lots	In less than 6-dozen lots	Minimum retail prices	Per dozen in 6-dozen lots	In less than 6-dozen lots	Minimum retail prices
Doan's Backache Kidney Pills	26/0	29/0	3/0	23/6	26/3	2/9
Doan's Ointment ...	26/0	29/0	3/0	23/6	26/3	2/9
Doan's Dinner Pills ...	10/9	12/0	1/3	10/6	11/9	1/3
	(Best prices apply to lots amounting to £7 16s. or over.)			(Best prices apply to lots amounting to £7 1s. or over.)		

Carriage forward.
Assorted as required.

There's no Dead Stock

We guarantee to exchange, or refund in full for, unsold or damaged stock returned to us. This, and the steady demand for Doan's Preparations entirely eliminate all risk of the Retailer having to carry Dead Stock.

Let us send you our Pictorial Showcard.

Size 16½ in. long by 5¾ in. deep.

It sells Doan's Pills by "Telling their Story."

Foster-McClellan Co., Manufacturing Chemists,

8 Wells Street, Oxford Street, London, W.1.

Telegrams—"Fluoric, Ox, London." *Telephone—Museum 4864.*

JOHN CRAMPTON & CO., LTD.

Offer subject to prior sale and without engagement:

CHEMICALS, etc. etc. (Carriage paid on 3-cwt. lots and upwards)

	1/2cwt. Bags	2/4 cwt. Brls.	1-cwt. Kegs	Parcels
ACETIC ACID, 80% Pure—Packages charged and returnable.	—	78/-	80/-	—
ALUM (Powder or Crystal)...	26/-	—	—	3½d.
AMMONIA CARB. Pwdr. or Xtal.	—	—	9d.	1/1 tins
ANTIMONY SULPHIDE BLACK (Powdered)	—	—	65/-	9d.
BAKING POWDER "Standard Quality"	—	—	110/-	1/4 tins
BICARB. SODA	16/-	—	19/-	2½d.
BICARB. SODA. "Mineral Water"	18/-	—	21/-	2¾ lb.
BORAX (Twenty Mule Team Brand)—				
Crystal or Powder, 99% Pure	46/-	48/-	49/-	6d.
Powder, B.P....	50/-	52/-	53/-	6½d.
BORACIC ACID (Twenty Mule Team Brand)—				
Crystal or Powder 99% Pure	80/-	82/-	84/-	10d.
Levigated	—	—	—	—
"B.P." Quality	92/-	94/-	96/-	11½d.
CAMOMILE FLOWERS...	160/-	—	—	1/8
CASEIN (Fine Powder) ...	—	—	—	1/3
CAUSTIC SODA (Powder 98%	—	in 1 & 2	b. tins.	1/-
CITRIC ACID...	—	—	3/5	3/7
CREAM POWDER— Standard	—	—	75/-	9½d.
CREAM OF TARTAR, 99%	—	—	235/-	2/3
EPSOM SALTS—				
Drug, Ordinary	18/6	21/-	23/-	3d.
,, Pea Crystals	—	32/-	34/-	4½d.
,, Desiccated	—	40/-	—	5d.
EPSOM SALTS— Commercial	16/-	—	—	2½d.
GELATINE, Crystal C... ...	—	—	—	2/3 lb.
,, ,, D	—	—	—	2/- ,,

	1/2 cwt. Bags	2/4 cwt. Brls.	1-cwt. Kegs	Parcels
GELATINE, Crystal, Extra	—	—	—	2/6 lb.
,, ,, H	—	—	—	3/6 ,,
,, Thin Leaf, 1-lb. pkts.	—	—	—	5/- ,,
GLAUBER SALTS— Drug, Pea Crystals	—	—	28/-	4d.
,, Exsiccated	—	—	38/-	5d.
,, Commercial...	12/-	—	—	2d.
GLUE. "Medal"	—	—	—	1/4 lb.
GUM ARABIC., "Cleaned Sorts"... ..	—	—	—	10½d.
GUM TRAG. No. 3 Grade ...	—	—	—	5/9
HYPO, PEA XTALS. Photographic Quality	—	—	45/-	6d.
HEALTH SALTS, Unsweetened	—	—	2/2	2/4
INSECT POWDER (from Dalmatian Closed Flower)	—	—	—	5/9
ISINGLASS, JAP. No. 1 Strips... ..	—	—	—	3/3
,, JAP. No. 1 Powder ...	—	—	—	3/9
LIQUORICE COMP. "B.P."	—	1/6	1/6½	1/8
PERMANGANATE OF POTASH "B.P."	—	—	4/6	4/9 b.
POT. CARB., 85%	—	—	—	1/6
PULV. SEIDLITZ, "B.P."	—	—	120/-	1/4
ROCHELLE SALTS	—	—	180/-	1/9
SALICYLIC ACID...	—	—	2/10	3/-
SALTPETRE	—	—	77/-	9½d.
SENNA LEAVES, T.V. ..	—	—	—	1/-
,, PODS, T.V.	—	—	—	8d.
SUGAR CANDY, Light ...	—	—	—	1/4 lb.
SULPHUR—				
Flowers	30/-	—	—	4d.
Roll	29/-	—	—	4d.
Precip., Pure	—	115/-	120/-	1/2
SULPHATE OF IRON (Pdr.) ...	—	—	15/-	3d.
TARTARIC ACID	—	—	2/6	2/8
VANILLIN, 100%	—		—	70/- lb.

LIQUORICE JUICE (Sold on Shippers' Tares—Bay Leaves included in Weight of Juice.)

	Original 2-cwt. cases.	1-cwt. lots.	½-cwt. lots.	Parcels.
"KALOS" BRAND 2-oz. Stick (slightly soft)	2/3	2/5	2/7	2/8
PURE BLOCK, 11-lb. Slabs	1/11½	2/0½	2/1½	2/2

CONDIMENTS, CATTLE SPICES, &c. (Carriage paid on 3-cwt. lots & upwards)

	1 cwt.	½-cwt.	Parcels
POWDERED ANISEED	92/-	96/-	11/-
,, CUMIN	63/-	70/-	8d.
,, CARRAWAY ...	60/-	65/-	7½d.
,, DILL SEED ...	34/-	38/-	4½d.
,, FENUGREEK ...	30/-	34/-	4d.
,, FENNEL	52/-	56/-	6½d.
,, CORIANDER ...	45/-	50/-	6d.
,, GENTIAN VET. ...	65/-	70/-	8d.
,, LICORICE VET. ...	65/-	70/-	8d.

	1 cwt.	½-cwt.	Parcels
POWDERED LOCUST... ...	24/-	28/-	3½d.
,, TURMERIC FINGERS	65/-	75/-	9d.
CATTLE CONDIMENT	85/-	90/-	10d.
CHICKEN ,, (Egg Producer)	56/-	60/-	7d.
POWDERED GRAINS OF PARADISE	180/-	190/-	1/10
LINSEED double screened ...	46/-	50/-	6d.
,, crushed B.P.	46/-	50/-	6d.
,, ,, No. 2	44/-	48/-	6d.

STARCHES

PURE MAIZE STARCH CRYSTALS

4/5-lb. papers, 56 lb. cases ... ... 46/- per cwt.

PURE RICE STARCH CRYSTALS

4/5-lb. papers, 56 lb. cases	70/-	per cwt.
1-lb. packets d	90/-	,,
½-lb. ,, do.	92/-	,,
¼-lb. ,, do.	98/-	,,
2d. boxes, 1½-gross cases (6 gross equals 1-cwt.)	14/6	gross

All prices quoted include delivery free to buyers' addresses in 3-cwt. lots and upwards, either in one article or mixed consignment.

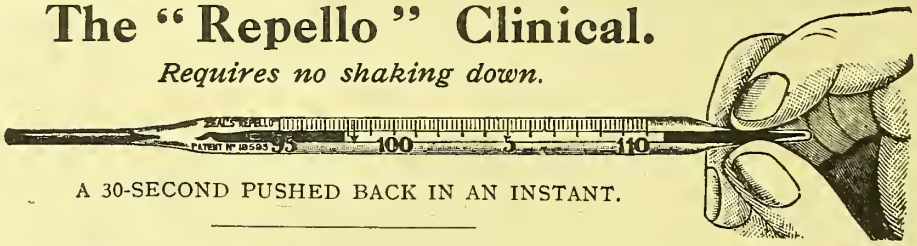
JOHN CRAMPTON & Co., Ltd., 357/9 Deansgate, Manchester,

and at 460 GALLOWGATE, GLASGOW.

ZEAL'S Thermometers

The "Repello" Clinical.

Requires no shaking down.



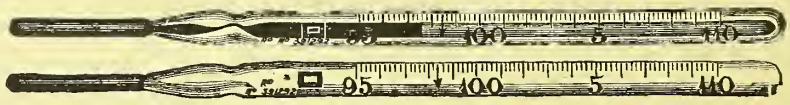
A 30-SECOND PUSHED BACK IN AN INSTANT.

New Improved Lens Finder.

The only Easy Reading Magnifying Clinical on the Market.

IN FOCUS.

OUT OF FOCUS.



The square mark engraved on Lens Front locates the mercury column immediately.

SPECIAL AWARD & GOLD MEDAL, NEW ZEALAND, 1907. SILVER MEDAL, INDIA, 1909. SILVER MEDAL, LONDON, 1913.

All Clinical Thermometers are N.P.L. tested.

Registered Trade Z Mark

Telegrams: "ZEALDOM, SMITH, LONDON."

Telephone No.: CENTRAL 12438.

G. H. ZEAL, Wholesale Manufacturer of Clinical Thermometers. Estd. 1888.
82 TURNMILL ST., LONDON, E.C. 1

SECCOTINE
STICKS
EVERYTHING

Sticking power is what most people look for when they buy an adhesive.

Recent tests prove conclusively that Seccotine has greater tenacity and strength than any competitive material. Particulars of these tests will be sent on request.

Seccotine is the adhesive to offer your customers.

If you do not stock it, write for particulars to the Proprietors:

McCAW, STEVENSON & ORR, Ltd.
BELFAST and LONDON.

A

PHILIP JOSEPHS & SONS LTD.

SHOWCASE QUICKLY EARNS ITS COST.

Try One!

93 OLD ST., LONDON, E.C. 1.

Phone—9057 London Wall. Wires—"Josiphiah London."

ADVANTAGES GAINED

A study of this diagram will show the advantages over the old-fashioned bottle.

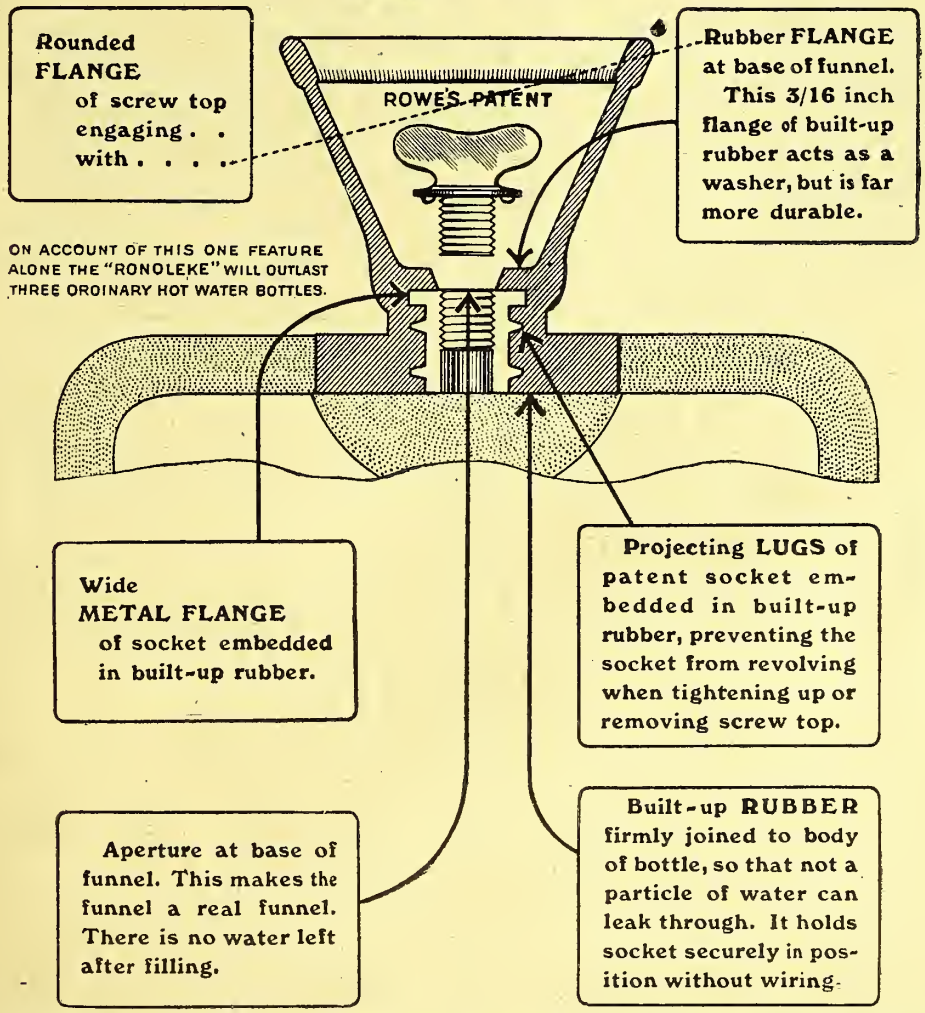
Prices of "RONOLEKE" H.W. Bottles.

Size	Min. Wholesale Prices to Retailers	Min. Retail Prices to Public
6× 8 in.	5/-	6/5 each
6×10 „	5/6	7/1 „
7×10 „	5/9	7/4 „
6×12 „	5/10	7/6 „
7×11 „	6/-	7/9 „
8×10 „	6/3	8/- „
7×12 „	6/6	8/4 „
6×14 „	6/6	8/4 „
8×12 „	7/1	9/2 „
9×12 „	7/5	9/7 „
8×14 „	7/8	9/11 „
10×12 „	7/11	10/2 „
10×14 „	8/11	11/5 „
10×16 „	9/9	12/7 „
12×14 „	9/11	12/8 „
12×16 „	10/6	13/6 „

(The bottle with the Patent Unleakable Moulded Neck.)

The "Ronoleke" P.E.G.D.

Hot Water Bottle



The "RONOLEKE" HOT WATER BOTTLE will never require repairing at the neck, and is positively guaranteed never to leak at the neck unless wilfully damaged. The "RONOLEKE" completely supersedes all others as THE ONLY PERFECTLY WATERTIGHT HOT WATER BOTTLE

Sold by all leading Druggists' Sundriesmen.

Druggists' Sundries

HOT WATER BOTTLES.

THE "EMPIRE" BRAND

IF you wish to keep up your reputation for reliable quality, you must continue to stock our "**EMPIRE**" brand of **Hot Water Bottles.** Do not risk trying an unknown make. One quality only—the Best. Guaranteed for two years. Prices as follows :

Sizes : inches	6×8	6×10	6×12	8×10	8×12	8×14	10×12	10×14
Each	**4/5**	**4/9**	**5/2**	**5/6**	**6/-**	**6/9**	**7/-**	**8/-**

Each Bottle in a strong paper bag, with directions for use.

HOT WATER BOTTLE COVERS. Scarlet or Grey Plush.

Sizes : inches	6×8	6×10	6×12	8×10	8×12	8×14	10×12	10×14
Each	**1/9**	**2/-**	**2/6**	**2/9**	**3/-**	**3/6**	**3/9**	**4/3**

MUFF WARMER. Drab Rubber, 4×6 inches. **Each 2/-**

SEAMLESS ENEMAS

		Per doz. s.	d.
Fig. 987.	The "**B.E.M.**" (best English make) with bone rectal pipe, etc., complete in card box	**26**	**0**
	,, in superior card box	**29**	**0**
	,, in leatherette case	**32**	**0**
	,, extra large and stout, the finest article made	**36**	**0**
	Special Line, red unpolished, stout, in card box	**30**	**0**
	,, in leatherette case	**36**	**0**
988.	The "**Empire,**" black polished, in card box	**30**	**0**
	,, ,, in leatherette case	**36**	**0**
275.	Warne's patent pulse valve enema, arabesque rubber, in card box	**42**	**0**
	,, ,, ,, in leatherette case	**48**	**0**

AIR CUSHIONS

Fig. 1194. The "**Empire**" red india rubber Air Cushion—

Diameter	14 in.	15 in.	16 in.	17 in.	18 in.	19 in.	20 in.
Each	**8/-**	**9/-**	**10/-**	**11/-**	**12/-**	**14/-**	**16/-**
Square shape, ,,	**12 -**	**13/6**	**15/-**	**16/6**	**18/-**	**19/6**	**22/-**

A discount of 5% for prompt cash is allowed on all amounts of 10/- and upwards. Money returned if goods are not satisfactory
Write for illustrated price list post free for the asking.

BURGE, WARREN & RIDGLEY, LTD.

91 & 92 GREAT SAFFRON HILL, LONDON, E.C.1.

HIGH-CLASS

Surgical Dressings

CAPSICUM CHEST PROTECTORS

"ZORBO" Brand.

ONE QUALITY. TWO SHAPES. THREE SIZES.

	SMALL.	MEDIUM.	LARGE.	
SINGLE - -	6/-	9/-	12/-	doz.
DOUBLE - -	10/-	15/-	20/-	„

EACH PACKED IN A CARTON.

5% Discount for CASH WITH ORDER.

London Office and Warehouse:

151-157 GOSWELL ROAD, E.C. 1.

Telephone: CENTRAL 3326. Telegrams: "UNDISPUTED, ISLING, LONDON."

ROBERT BAILEY & SON, Ltd.,

SURGICAL DRESSING MANUFACTURERS,

MARRIOTT STREET MILLS, STOCKPORT.

CABLES UNDISPUTED, STOCKPORT. CODE A.B.C. 5TH EDITION.

NOTE THE ADDRESS—

TEL : CENTRAL 56-05
TELEG. : "SGRANDS-PARS"

E. HOUSSET

12 RUE GAILLON, PARIS (OPÉRA 2E).

JARS & POTS. Plain and tastefully designed for—

PERFUMERS, CHEMISTS & KINDRED TRADES

IN PORCELAIN — OPAL — PRESSED GLASS (Mat & Plain)

HIGH-CLASS PERFUMERY & PREPARATION BOTTLES

(Cut, Moulded, Stoppered & Non-stoppered)

Bottles of every description for

CHEMISTS, DRUGGISTS & PERFUMERS, Etc.

CUSTOMERS' OWN DESIGNS.

Finest Qualities ∴ Competitive Prices ∴ Quick Delivery

SURGICAL COTTONS
SURGICAL SILKS
HOSPITAL SHEETINGS
RUBBER SHEETINGS
BATISTES

EDWARD MACBEAN & Co., Ltd.

Manufacturers of Oil-proofed and Rubber-proofed Cloths of every description.

London Office—6 & 8 Lime Street Square, E.C. 3.

123-125 Howard Street - GLASGOW.

Telegrams:
"Diamond, Glasgow."
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1995 Central.

Codes: Lieber's 5-Letter, A B C (5th Edition), and Marconi.

"HOMŒOPATHY"

An open letter of great interest to all Chemists, both at Home and Abroad.

Dear Sir,

The "Science of Homœopathy" progresses apace, and so, concurrently, does the demand for our "Homœopathic Medicines." The questions of demand and supply very naturally arrest your interest, and we trust that by bringing to your notice a few of our leading and best selling lines—as enumerated below—together with the terms and prices of them, we may assist you in keeping well abreast of all that is necessary to satisfy the interest which is being taken in the subject by the general public.

Special stress is laid on the fact that we are pleased to execute by return any orders, no matter how large or small, and that those amounting to 10/- net and upwards will be sent carriage free.

Now is the most favourable time to overhaul stock, as the season when these goods are in greatest demand is just upon us, and you will wish to be prepared to meet those demands.

We would most forcibly impress upon you the advisability of always having a few "Laurie's Family Guides" in stock. They retail at 2/6 each, and by reference to them you can most readily give your client most useful advice respecting "Homœopathic Medicines," and very often make the double sale of book and medicines. The "Guides" are 22/- per doz., and you can have any quantity.

1/- Pilules and Tinctures **4/6 per doz., less 10 %.**
1/- Camphor Pilules and Essence **7/6 „ „ „ „**

Proprietary Articles such as Neuraline, Glykaline, P.M.Q. Anti-Rheumaticus.

1/3 Size 11/3 per doz. net. **3/- Size 27/- per doz. net.**
5/- „ 45/- „ „ „ **11/6 „ 103/6 „ „ „**

Opodeldocs (Arnica Rhus., etc.)

1/3 Size 11/3 per doz. net. **2/9 Size 24/- per doz net.**
5/- Size 45/- per doz. net.

Tinctures, Pilules, Tablets, and Triturations of all strengths in bulk for dispensing, are supplied on the most favourable terms.

Your kind orders shall receive our best attention.

Yours faithfully,

LEATH & ROSS,

HOMŒOPATHIC CHEMISTS,

295 High Rd., Brondesbury, London, N.W.6.

BRIGHT & DRY!

SUTCLIFFE
Bottle-Drying Machine

delivers a supply of bottles clean, bright and dry, just as required.

DRYER can be designed to take any quantity and size of bottles.

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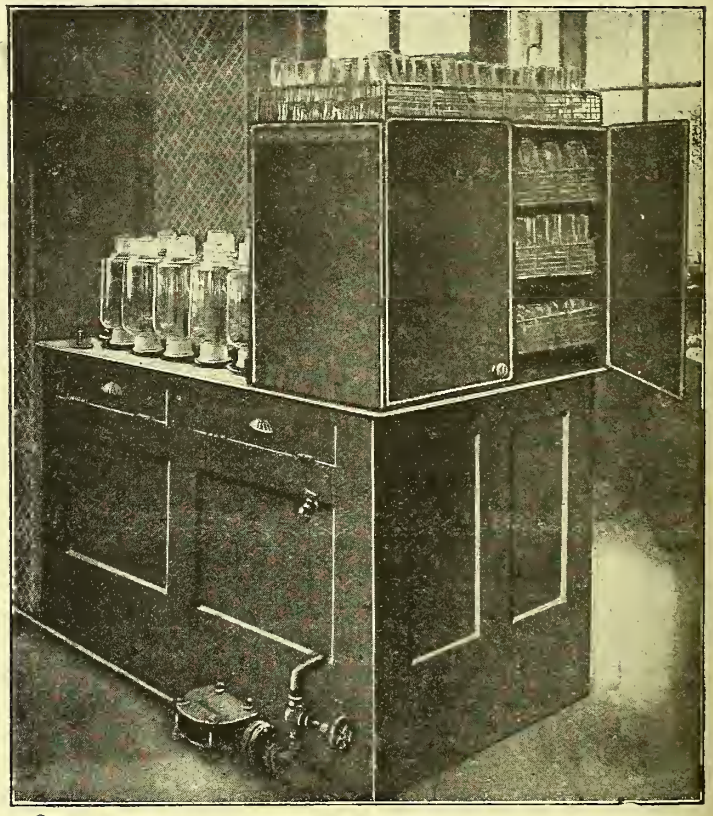

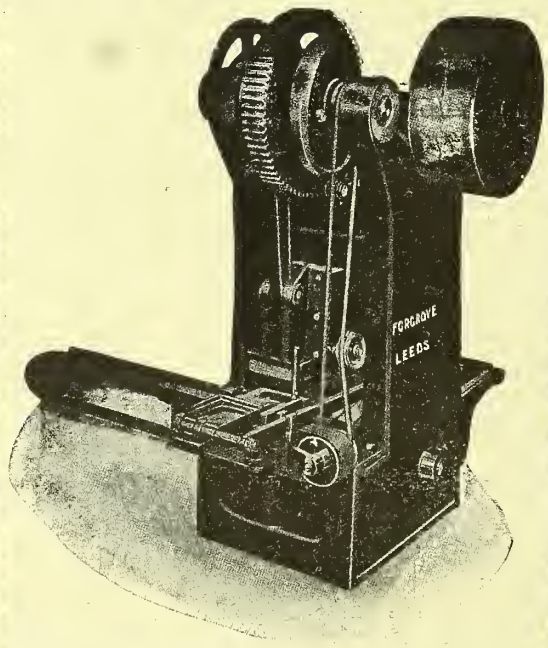

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Output, 50 pieces per minute.

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BY USING THE

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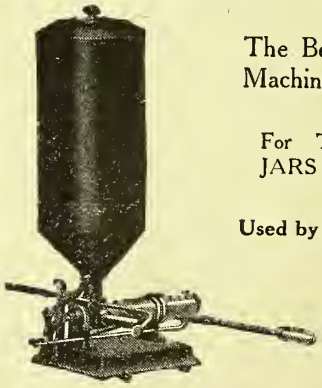

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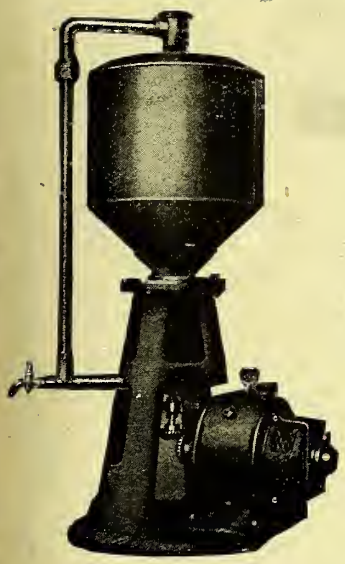

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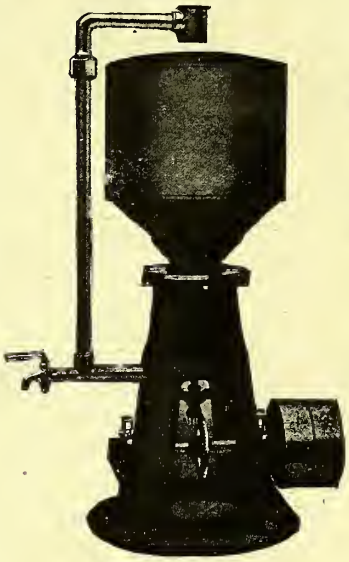

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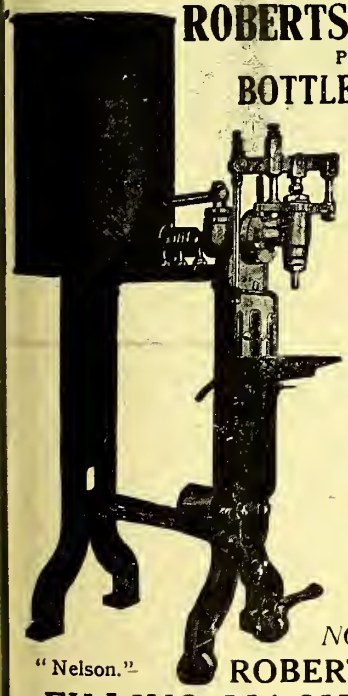

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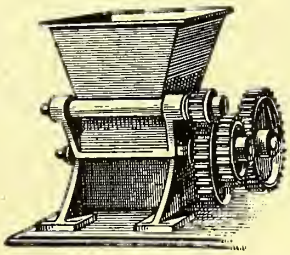
OUR LATEST PATENT "ALPHA," PRICE £14, WILL FILL 10 GROSS BOTTLES PER HOUR.
Write for Particulars. *All rights reserved.*



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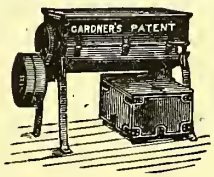

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A Doctor and a Chemist are very discriminating people.

Make your gummed labels from the best gummed paper :—

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Exeter & London

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JOHN BOND'S
"CRYSTAL PALACE" MARKING INK

IT IS NOT ONLY THE BEST

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MINIMUM ORDER AT WHOLESALE RATES: One Gross of **6d.** size amounting to **42/-** or assorted order to same value. **1/-** size **77/-** per gross. **Carriage paid on Parcels of £2 2s. and upwards,** subject to the customary discount on quantities. Smaller quantities should be ordered through any of the Wholesale Houses.

When ordering, please specify if HEAT or NON-HEAT is required. A good assured Minimum Profit on this Marking Ink which will always make new customers.

Compare with what you are paying for non-protected makes, and NOTE the difference.

Manufactory: 75 SOUTHGATE ROAD, LONDON, N. 1.

Scrap them!

and have ONE Policy to cover ALL Risks!

The **POOL** COMPREHENSIVE SHOPKEEPERS' **POLICY**

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BE SURE AND ADD

La-Rola Rose Bloom

TO YOUR STOCK AT ONCE,

as it is being largely advertised in the "Daily Mail," "Mirror," "Sketch," etc.

Do not lose the business through being out of stock.

It is the most natural tint on the market, and is selling well wherever introduced.

Lait La-Rola & Glycerine & Cucumber
supplied as usual,

All these articles are protected at FACE VALUE. Write for Display Terms and save 10%.

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Phone: CLERKENWELL 1588. Wires: "ETNOCEL, AVE, LONDON."

3

THE "NORTH-SEVEN" CASH TILL,
IMPROVED MODEL.

Made from well-seasoned wood, polished Mahogany finish. Size 19 x 10 x 7½ in. Both lid and drawer fitted with lock. Recording paper 3½ in. wide. Automatically rings warning bell each time cash drawer is opened.

Price £5. 15. 0 each.

The "North-Seven" Till Coils, for use in above Tills, 6/- doz.

Sent on 14 days' trial, on receipt of Cash or two Wholesale Trade references.

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Holloway, London, N. 7.
City Showrooms:
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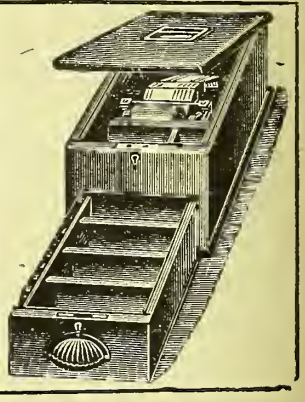

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of the Glass Trade proves that

IT WILL PAY YOU

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CHEMISTS and Opticians who wish to increase the pulling power of their Christmas Advertising should write for our selection of illustrations suitable for Christmas Gift Advertisements. Early application will prevent disappointment. No block will be sold twice in the same town.

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R-79
3/6

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CAMEL HAIR PENCILS.
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CATHETERS—Elastic, Gum and Rubber.

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FOR HOME & ABROAD.

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Binoculars
Barometers
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and
Magnifiers

For JUST what YOU WANT

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GLASSWARE

OF EVERY DESCRIPTION and FOR ALL PURPOSES

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TEN THOUSAND CASES!!!

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6-dram., ½-oz and 1-oz. Green Vials.

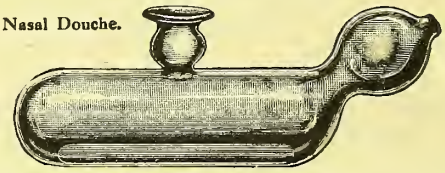
Kali

Lime

Medical

Tubes of all sizes, Test Tubes, Douche Linings, Burettes, Separating Funnels and many other lines in Chemical and Laboratory Glassware.

Nasal Douche.



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THE BRITISH DRUG HOUSES LTD.

RED SQUILL COMPOUND

FOR KILLING RATS AND MICE.

A PHYSIOLOGICALLY TESTED PRODUCT IN POWDER FORM.

ADVANTAGES:

1. It is not poisonous to domestic animals and poultry.
2. It retains its potency indefinitely.
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4. The bait is simple to prepare, alluring and relishable.

PRICES

In Bulk: **2/3** PER LB.

7-lb. **2/2**, 14-lb. **2/1**, 28-lb. **1/11**, 112-lb. **1/8** per lb.

Packed in containers holding ¼-lb., with measure scoop and full directions for use

10/- PER DOZ.

22-30, Graham Street, City Road, LONDON, N.1.

THE CHEMIST AND DRUGGIST

ESTAB 1859

A Weekly Journal of Pharmacy and of the Chemical and Drug Trades

THE CHEMIST AND DRUGGIST is in circulation and reputation the leading journal addressing the Chemical and Drug trades in the British Empire and other countries in the Old and New Worlds. It is the official organ of the Pharmaceutical Society of Ireland, the Chemists and Druggists' Society of Ireland, and of many Chemists' Societies in the Overseas Dominions.

Subscription Rates. TWENTY SHILLINGS a year payable in advance to any part of the world, including a copy of *The Chemist and Druggist Diary*. Subscriptions may begin with the first issue of any month. Single Copy 9*d*. post free; *Diary*, 5s. post free. Postal orders and cheques should be crossed "Bank of Liverpool and Martin's Ltd."

Prix de l'abonnement annuel: le journal une fois par semaine, et l'agenda une fois par an, 20s., franco.

Precio de suscripción anual: el periódico una vez por semana, y el agenda una vez por año 20ch., franco.

Terms for Advertising may be obtained on application to the Publisher

HEAD OFFICE: 42 CANNON STREET, LONDON, E.C. 4.

Telegrams: "Chemicus, Cannon, London." Telephone: Central 3617 (three lines).

BRANCH OFFICES: MELBOURNE AND SYDNEY, AUSTRALIA.

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Coming Events.

Monday, December 6.

Society of Chemical Industry, Chemical Society Rooms, Burlington House, Piccadilly, London, W., at 8 P.M. Dr. Herbert Levinstein, F.I.C., on "The Dyestuff Industry." A dinner will be held before the meeting at the Florence Restaurant, Rupert Street, W., at 6.15 P.M. Tickets 6s. 6*d*. each.

Wednesday, December 8.

Leeds Chemists' Association. Meeting. Mr. G. E. Marfitt on "The Art of Window-dressing and Display."

Edinburgh Chemists' Assistants' and Apprentices' Association, 36 York Place, at 8 P.M. Papers on "Notes on Some Materia Medica Specimens," by Mr. Henry Stout, Ph.C., and "Pharmacy as a Calling," by Miss M. Grant Boag.

Manchester Pharmaceutical Association, Chess Club, Market Street at 3 P.M. Mr. W. H. Saunders on "Round the World in 40 Minutes."

THE LONDON COLLEGE OF PHARMACY.—The annual dinner and dance will be held at the Liverpool Street Hotel on December 15. Tickets (10s. 6*d*. each) from the Secretary, 361 Clapham Road, London, S.W. 9. Morning dress.

GLASGOW PHARMACY ATHLETIC CLUB.—The next whist drive has been arranged for December 14. As only a limited number of tickets will be issued, early application is desirable.

SHEFFIELD PHARMACEUTICAL AND CHEMICAL SOCIETY.—A meeting will be held in the Literary and Philosophical Society's Rooms on December 15, when Mr. A. B. Searle will give a lantern lecture on "Some colloids used in pharmacy, their properties and means of testing them."

English and Welsh News.

The Editor would be obliged if subscribers would send him marked copies of newspapers containing items of interest for insertion in this or other news sections of the "C. & D."

Repayment of Income Tax.

The Commissioners of Inland Revenue give notice that the Office of the Controller of Repayments, Cecil Chambers, 86 Strand, London, W.C. 2, was closed on December 1. On and after that date claims for repayment of income tax should be forwarded: (*a*) If the claimant has no business or employment, to the Inspector of Taxes for the district in which the claimant resides. (*b*) If the claimant carries on a business or employment, to the Inspector of Taxes for the district in which the claimant's business or employment is carried on. (*c*) If the claimant has more than one business or employment, to the Inspector of Taxes for the district in which the claimant's principal business or employment is carried on. The address of the Inspector of Taxes for a district may be obtained by inquiry of the local Collector of Taxes.

Import and Export Restrictions.

In a circular issued to members the Chemical and Dyestuff Traders' Association states that information has been received from the Board of Trade that as regards exports of chemicals and dyestuffs, on the whole, licences are being granted rather more freely at present owing to the falling-off in the home demand, and that the only items which are strictly prohibited are certain essential raw materials, such as benzol, toluol, anthracene, etc., and a few special dyestuffs, such as rhodamine, alizarine, synthetic indigo, etc. Naphthalene is being allowed provided the applicants can show that supplies are obtainable. As regards imports, there are now no restrictions on the importation of chemicals other than explosives, opium, morphine, and cocaine preparations. The circular adds that the question of appealing to the Board of Trade to lift the export restrictions altogether is under consideration.

London Chemists' Retail Price List.

The changes in the current issue of the London Chemists' Retail Price List continue to show a downward trend. Models for pricing prescriptions have been included this month. The editor also calls attention to the need of revision in charges for prescriptions priced under code words. The following are among the alterations in price: *Drugs*.—Ammon. brom., 1*d*. dr., 5*d*. oz.; calc. lact., 1*s*. oz.; cera. alb. (placent.), 6*d*. oz.; glycer. thymol co., 3*d*. oz.; insect powder, 7*d*. oz.; lin. sapon., B.P., 9*d*. oz.; formaldehyd., 6*d*. oz.; menthol, 9*d*. dr.; methyl sal., 10*d*. oz.; ol. eucalypt., 7*d*. oz., 2*s*. 3*d*. 4 oz.; ol. juniper. bacc., 7*d*. dr. (lig., 1*s*. 3*d*. oz.); ol. lini, 2*s*. 2*d*. pt.; ol. rapii, 2*s*. 10*d*. pt.; ol. tereb. rect., 4*d*. oz.; phenazon., 5*d*. dr.; sp. camph., 11*d*. oz.; syr. rhei, 5*d*. oz.; syr. tolut., 3*d*. oz.; syr. zingib., 4*d*. oz.; thymol, 1*s*. 6*d*. dr.; tr. limon., 2*s*. 6*d*. oz. *Packed Goods*.—Ext. cascar. sag. liq., 2-oz. bot., 1*s*. 2*d*., 4-oz. bot., 2*s*. *Wool and Lint*.—Cotton wool, 5*d*. oz., 4*s*. 6*d*. lb.; lint, 8*d*. oz., in cartons, 1-oz. 9*d*., 4-oz. 2*s*. 9*d*.

Contracts.

The following Government contracts, among others, have been notified:

ADMIRALTY.—*Disinfectant*.—Newton, Chambers & Co., Ltd. *Linseed Oil*.—Dixon & Caidus; Price's Patent Candle Co., Ltd.; J. L. Seaton & Co., Ltd. *Medicines*.—Burgoyne, Burbidges & Co., Ltd.

WAR OFFICE.—*Methylated Spirit*.—S. Bowley & Son, Ltd. *Linseed Oil*.—Younghusband, Barnes & Co. *Naphthalene*.—Burt, Bolton & Haywood, Ltd. *Sal Ammoniac*.—Brunner, Mond & Co., Ltd. *Soap*.—The Hull Oil Manufacturing Co., Ltd.; John Knight, Ltd.

POST OFFICE.—*Candles*.—Price's Patent Candle Co., Ltd. *Cells*.—Siemens, Bros. & Co., Ltd. *Colza Oil*.—James Arnott & Sons, Ltd.

H.M. STATIONERY OFFICE.—*Ferro-prussiate Paper*.—A. West & Partners.

C C

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Crown Agents for the Colonies.—*Novarsenobillon.*—May & Baker, Ltd. *Quinine.*—Howards & Sons, Ltd.

High Commissioner for India.—*Boric Acid.*—Borax Consolidated, Ltd. *Chloroform.*—Duncan, Flockhart & Co. *Cod-liver Oil.*—Price's Patent Candle Co., Ltd. *Ergot.*—C. R. Harker, Stagg & Morgan, Ltd. *Surgical Instruments.*—J. H. Montague; J. Weiss & Son, Ltd.

Air Ministry.—*Soap.*—J. Kay & Sons.

Great Yarmouth Corporation has accepted the tender of Male & Co., chemists, for drugs, etc.

Birmingham.

Scarlet fever and diphtheria are prevalent in the city.

For selling ginger containing 9 per cent. of chalk, a local trader was fined recently.

The continuation schools are causing considerable dislocation in industries in this district.

It is rumoured here that mead is coming into general use, after a long interval, as a household beverage.

Mr. W. Marshall Freeman was among those who attended the funeral of the late Mr. Jesse Collings.

Large and pictorial advertisements of several proprietary lines have been appearing in the local Press of late.

It is proposed to establish an *x*-ray laboratory in Birmingham for technical use for the benefit of industrial concerns.

Mr. Wilfrid Hill met with a motor accident, on November 28, while on the way to attend a meeting at Oldbury Town Hall, his car being badly damaged.

Local pharmacy was well represented among the visitors at the Bingley Hall Show. The first prize for the heaviest beast was won by an animal belonging to Sir Richard Cooper, Bt.

The Huxley lecture, delivered at Birmingham University on November 26 by Professor C. S. Sherrington (President-elect of the Royal Society), was well attended. The subject was "The Gateways of Sense."

It is estimated that there are at least 21,000 unemployed in the city. The Lord Mayor has sent a hundredweight of cocoa to the buffet which has been opened by the Discharged Soldiers' and Sailors' Federation.

The removal of the Association's library from Edmund Street to the Technical School is now an accomplished fact. Applications for the loan of books should be made to the assistant librarian, Mr. H. Berry, Ph.C., F.C.S.

A prescription containing, among other ingredients, a bismuth salt and hydrobromic acid has been going the rounds, and has been causing trouble. The mixture sometimes turns black, owing to traces of sulphuretted hydrogen in the acid.

Accommodation for 300 students of chemistry and physics has been provided at the University by conversion of Army hutments. Several names well known to pharmacy appear on the list of contributors to the University funds, including those of Cadbury Bros., Ltd. (5,000*l.*); Alderman F. C. Clayton, Ph.C. (500*l.*); Mr. W. A. Albright (500*l.*); the Rt. Hon. J. W. Wilson (105*l.*); J. & E. Sturge, Ltd. (100*l.*).

Liverpool.

A lingering of diphtheria causes a continued demand for antitoxin.

The display of dental requisites is unprecedented in extent and variety.

Hanover Street and several local retailers have been represented already at the International Advertising Exhibition in London.

Business, both wholesale and retail, shows the check usual in late November and early December, but the preparations for the Christmas trade are on the large pre-war scale.

During the outbreak of incendiarism in the cotton-warehouse and timber-yard area of Liverpool and Bootle, on November 27, several pharmacists were among the special constables called on active duty.

Mr. E. G. Hodges, Mr. John H. Robinson's *locum tenens*, had an exciting time on November 26. Just as he was about to lock up the pharmacy he saw flames issuing from the upper storey of the high factory on the opposite side of Tithebarn Street. He had to remain for two hours, when an official of the brigade declared all danger at an end.

At Liverpool Police Court, on November 30, John Henry Connell, ship's dispenser, was fined 50*l.*, with 36*l.* 15*s.* costs, for being in unlawful possession of cocaine. The case had been adjourned for three weeks for the attendance of a doctor from the s.s. *Haverford*, who said he was unaware of cocaine being on the ship. If Connell used it, he did it without witness's permission.

The Hanover Street showroom of Evans Sons Lescher & Webb, Ltd., has been rearranged on a highly attractive plan for the season's exhibition, which is being duly appreciated. "Elco" preparations, toilet and medicinal, form the central feature, specimens of Midgley's soap, perfumes and sprays blending in a richly harmonious colour-scheme. Cosiness has been introduced by modern heating, easy chairs, and other luxuries.

The guests at the Post-Conference dinner (*C. & D.*, November 27, p. 87) have each received the following letter:

I am desired by Mr. William P. Evans to express to you his great regret that, owing to a mishap to the camera, which has marred the negative, he is unable to carry out his intention to present to each of his guests at the dinner a copy of the flashlight photograph. Doubtless, however, the absence of the photograph will not in any way efface the pleasant memories of the Conference gatherings.

The letter is signed by Mr. W. J. Williams.

A meeting was called at the Royal Institution on November 25 to consider the desirability of holding a social gathering of Masonic pharmacists and brethren engaged in pharmacy. Representatives from all the boroughs attended. It was agreed to hold a dinner, to which ladies will be invited, on January 12, 1921, at the Exchange Station Hotel. The following committee was formed to make arrangements: W. Bro. D. R. Rowlands, P.P.A.G.S., Birkenhead, chairman; Bro. W. J. Williams, Liverpool, treasurer; W. Bro. J. Jones, Liverpool; Bro. Harold Wyatt, Bootle; Bro. C. Hare, Southport; Bro. R. G. Govier, 35 King Street, Wallasey, secretary. Brethren engaged in pharmacy who have not received circulars are invited to communicate with the secretary, stating rank, lodge, and number. At least fifty brethren have been brought into touch with the movement, though it is as yet but a week old. It is mooted that a pharmacists' lodge may be formed for the district.

Manchester.

At a meeting of the Chemical and Allied Trades Section of the Manchester Chamber of Commerce on November 26, a resolution was unanimously adopted requesting the President of the Chamber to convene a general meeting of all interested in the dye and chemical industries, so that the present position might be considered in all its aspects, including its relation to imports and exports.

Sheffield.

A sanatorium ward is to be opened at Firvale House.

One of the Sheffield veterans, Mr. William Cantrell, chemist and druggist, late of Atterfield Common, has, owing to a breakdown in health, been compelled to give up active work.

Dr. Harold Scurfield, who has been local medical officer of health and adviser to the Insurance Committee for several years, has received an appointment at Folkestone as an expert in sanitary science.

Payments to chemists for Insurance dispensing for the month amount to 1,550*l.*—The Insurance Committee has declined to carry out the recommendations of the Panel Committee to surcharge several practitioners for alleged excessive prescribing.—Dr. J. V. Mainprize has joined the panel (see *C. & D.*, October 23, p. 47).

Miscellaneous.

FIRE.—An outbreak of fire occurred, on November 26, at the premises of Albright & Wilson, Ltd., manufacturing chemists, Oldbury. The damage is estimated at 3,000*l*.

CLOSING-HOURS ARRANGED.—Margate chemists have agreed to close on Mondays, Tuesdays, Wednesdays, and Fridays at 7.30 P.M., Thursdays 1 P.M., and Saturdays 8.30 P.M., from November 29 until the end of March.

PATENT SURRENDER.—The Comptroller-General of Patents gives notice that Squire & Co. (Birmingham), Ltd., have offered to surrender the Letters Patent No. 131186, granted to Ernest Colver for an invention entitled "An improved chest-protector." Any person who desires to be heard in connection with the surrender should notify the Comptroller-General not later than December 24.

DEATH FOLLOWING ANÆSTHESIA.—At an inquest held at Oxford, on November 29, on the body of Ada A. James, a domestic servant, a medical witness stated that an injection of heroin and scopolamine had been given the deceased prior to an operation for gangrene, and heart failure followed. The same injection had been used for the past seven years, and he did not remember a similar death.

MANUFACTURE OF WHITE LEAD.—It is announced that the Regulations which it is proposed by the Home Office to embody in Orders under the Factory and Workshop Act, 1901, with reference to the manufacture of white compounds of lead (*C. & D.*, October 30, p. 67) have been drawn up. They include a clause prohibiting the employment of women and young persons in any factory or workshop where the manufacture of these salts is carried on. Copies of the draft Orders may be obtained from the Factory Department, Home Office, London, S.W. 1.

REORGANISATION OF CHAMBER OF TRADE.—The Lancaster Chamber of Trade on November 30 discussed the desirability of reconstructing the Chamber so that sectional trade associations, like the pharmacists', could be adequately represented on the council. Mr. J. B. Shattock (secretary), Mr. A. Bate, and Mr. Robertson represented the pharmacists, the former taking part in the discussion, and stating the pharmacists had provisionally agreed to fall in with the scheme, which was referred to a committee.—The Chamber has fixed the Christmas holidays for December 25 and 27 and New Year's Day.

WAGES DISPUTES.—The Chemical Trade Joint Industrial Council commenced, on November 25, the hearing of a claim for an increase of 1*l*. a week in wages. It was stated on behalf of the employees that many of them were forced to live almost perpetually in debt. The employers' case was that the increase in wages had been greater than the increase in the cost of living; that the trade had entered upon a period of depression; and that the question of wages must now be considered on a national rather than a trade basis. Mr. Dean (British Dyes, Ltd.) pointed out that employers were already obliged to reduce staffs.—On the same day a similar claim was investigated by the Soap and Candle Trades Joint Industrial Council.

CHEMICAL-WARE MANUFACTURE.—A deputation representing the British chemical-ware manufacturers was received at the Board of Trade on December 1. The deputation explained the position of the industry, which they said was suffering from foreign competition to such an extent that many businesses would before long have to cease producing if some kind of protection was not given at the earliest possible date. They asked that the industry might be included in the Key Industries Bill, and that the Bill should be brought forward without delay. In reply, Sir Sydney Chapman, one of the permanent secretaries, assured the deputation that the Board of Trade had given very anxious consideration to the matter, and that it was fully aware of the position of the industry.

IN THE COURTS.—At Kent Assizes, on November 27, Dr. John Aston Swindale, a Ramsgate panel practitioner, charged with defrauding the Kent Insurance Committee of sums amounting to 22*l*. by making false returns for attendances on patients (*C. & D.*, October 23, p. 47), was acquitted.—At Lambeth Police Court, London, on November 29, it was stated that, while under arrest, Annie S. Hope, who was eventually sentenced to imprisonment for theft, swallowed some potassium permanganate. Medical aid was summoned, and the accused recovered.—At Worcester County Petty Sessions, recently, John Ellis Woodhouse, of no fixed abode, described as a chemist, was sentenced to a month's hard labour for having unlawfully converted a bicycle and the sum of 14*l*. to his own use.—At Wolverhampton Police Court, on November 30, a man named Robinson was charged with obtaining the sum of 10*l*. by false pretences from Mr. M. R. Warner, chemist and druggist, Chapel Ash. Defendant persuaded Mr. Warner to cash a cheque for which there was no account. At the request of the chief constable, Robinson was remanded for medical examination.—At Bow Street Police Court, London, on December 1, George Cecil Murray Tinline, Curzon Hotel, W., was charged on remand (*C. & D.*, November 13, p. 51) with causing the death of Mr. Ernest Waterhouse, chemist and druggist, Mare Street, Hackney, E. 8. Defendant was committed for trial, bail being allowed.

PRIVATE MEETING OF CREDITORS.—A meeting of creditors of Henry Herbert Chaston, trading as the Cricine Co., manufacturers of toilet preparations, 310 and 312 Regent Street, London, W., was held on December 1 at the offices of the Association of Manufacturing Chemists, 14-17 Holborn Viaduct, London, E.C. A statement of affairs was presented, which had been prepared by Mr. Parkin S. Booth, which showed liabilities of 815*l*. 9*s*. 7*d*. The indebtedness to the trade was 638*l*. 3*s*. 7*d*., and there were cash creditors for 177*l*. 6*s*. The assets were estimated to realise 748*l*. 4*s*. 3*d*., less 106*l*. 11*s*. 8*d*. for preferential claims, leaving net assets of 641*l*. 12*s*. 7*d*., or a deficiency of 173*l*. 17*s*. Mr. S. Weller (Parkin S. Booth & Co.) stated that the debtor commenced business in 1895 at Regent House, Regent Street, W., and two years later removed to 312 Regent Street. At that time he had a capital of about 100*l*. In 1913 he acquired shop premises at 310 Regent Street. His total rent was 245*l*. per annum. The fully-secured creditors held the deeds of a house in Bayswater. A contingent creditor was a lady who had advanced considerable sums to the debtor. The latter, however, did not anticipate that she would make any claim on the estate. The takings had been at the rate of 50*l*. a week, but at the outbreak of the war they fell off considerably and were now about 32*l*. weekly. Proper books of account had not been kept, nor had any balance-sheet ever been prepared. Mr. Weller added that the solicitors to the contingent creditor had informed him that the total amount advanced was something like 17,000*l*., but the debtor disputed that figure. Although the turnover was only 32*l*. a week, the wages had been 9*l*. 12*s*. 6*d*. a week, and the debtor's drawings had been as much as 20*l*. weekly. The debtor was called into the room, and in answer to questions said he had only received between 5,000*l*. and 6,000*l*. from the contingent creditor. The solicitor acting for the lady produced an account which showed advances aggregating 13,286*l*. since 1910. The debtor stated that he did not think the account was correct, and added that there were various repayments for which he had not been credited. He was unable to make any offer to the creditors. It was decided that a deed of assignment should be executed, with Mr. Parkin S. Booth as trustee, together with a committee of three of the principal creditors. The following are among the creditors: Armour & Co., London, 10*l*.; Burgoyne & Co., London, 10*l*.; Edward Cook & Co., London, 12*l*.; Evans Sons Lescher & Webb, London, 27*l*.; T. Kerfoot & Co., Bardsley, 10*l*.; May, Roberts & Co., London, 19*l*.; Perfumery Supply Co., London, 21*l*.; Sangers, London, 10*l*.; Thomas Waide & Sons, Leeds, 10*l*.; White Band Manufacturing Co., London, 12*l*.

ITALIAN MEDICINAL PRODUCTS.—A new Italian decree gives the right of the Ministry of Finance to exempt medicinal products containing alcohol, on exportation, from all taxes on the spirit used.

Irish News.

Brevities.

At a recent meeting of the Athy Guardians, the high cost of the medicines was commented on. The clerk stated that for the past year the medicines, etc., in all the dispensaries had cost 2,552*l.*, against 2,102*l.* in the previous year.

At the meeting of the Baltinglass Guardians the clerk said, with regard to the pooling of contracts for the various Irish public bodies, the only particulars they would have to supply would be with reference to medicine supplies. He had written to the doctors for particulars, and had only received one reply, the account in this case being 65*l.* for the half-year.

Belfast.

The Senate of Queen's University, Belfast, has conferred on Sir William Whitla, M.A., LL.D., M.D., M.P., L.P.S.I., the honorary title of Emeritus Professor of Belfast.

Belfast Board of Guardians invite applications for the appointment of a fully-qualified compounder of medicine for Belfast Urban Dispensary Sub-Districts (Glengall Street Dispensary), Nos. 4, 6, and 15, at a salary commencing at 120*l.* per annum. The Board have appointed Mr. James M'Dowell, Ph.C., 201 Newtownards Road, compounder of medicine at the Templemore Avenue Dispensary.

The Board of Curators of Queen's University, Belfast, unanimously recommended for appointment to the lectureship in organic chemistry Mr. Hugh Graham, M.Sc., lecturer in chemistry at King's College, London University, formerly lecturer in Durham University, and Andrews student and exhibition research scholar of the Queen's University of Belfast. The Senate has confirmed the recommendation.

Dublin.

At the meeting of the Dublin Guardians on November 24, an application received from Mr. J. F. Doyle, compounder, who is going to Africa for health reasons, to appoint Mr. Cleary as *locum tenens* at 3*l.* a week, the board thereby saving the difference in his own salary (4 guineas), was referred to the Finance Committee. Mr. O'Donoghue objected to any official nominating his deputy, and suggested they should apply to the Chemists' Association for a substitute.

In the Dublin Police Courts, on November 30, George Brown, trading as George Brown & Son, 20 Wexford Street, was summoned for selling camphorated oil containing 17.5 per cent. by weight of camphor, and in addition rape or colza oil was substituted for olive oil. A qualified chemist, called for the defence, said it was practically impossible to keep the proper percentage of camphor in the contents of a bottle which was frequently opened, as was the case with the bottles from which the oil was taken for sale in the shops. The defendant was cautioned.—John L. Duane, 151 Emmet Road, was fined 40*s.* in respect of the sale of camphorated oil which contained practically 80 per cent. by weight of cottonseed oil.—Robert White, 36 Lower Camden Street, was summoned for selling a bottle of camphorated oil which contained only 18.3 per cent. of its weight of camphor. Mr. Swifte imposed a fine of 5*s.*—Mary M. Ryan (trading as George M. Ryan), 12 Upper Camden Street, Dublin, was summoned for selling a bottle of camphorated oil which was adulterated, containing practically 80 per cent. by weight of cottonseed oil. Mr. Coulter said his client sold the drug as it was purchased from a most respectable firm, and without any interference whatever. Mr. Burke said whilst not suggesting that the defendant was personally guilty of a fraud, the case was important to the public, and he pressed for a penalty. Mr. Swifte imposed a fine of 40*s.*

SCHWEPPES, LTD., have acquired a site of land between Whitehall Road and Gelderd Road, Leeds.

Scottish News.

Brevities.

The 1921 edition of the Chemists' and Druggists' Year Book and Directory will be ready for circulation shortly.

Mr. R. Urquhart, chemist and druggist, late manager of the Kilmarnock branch of Cockburn & Co., Ltd., has opened a business at Dreghorn.

Reference to the fact that a prize window at the International Advertising Exhibition in London was devoted to Rodine, the rat-poison made by Mr. Thomas Harley, manufacturing chemist, Perth, will be found on p. 74.

The Aërated Waters Trade Board for Scotland has, as from October 18, increased the general minimum time rates for male and female workers (*C. & D.*, I., 1920, p. 226) by 1*d.* and ½*d.* per hour respectively. Overtime wages are calculated on the increased rates.

Edinburgh.

The first dinner of the Scottish Board of Health was held in Edinburgh on November 27. In the absence of Sir George McCrae, D.S.O., Sir James Leishman occupied the chair. About ninety members of the staff were present.

On and after January 1, 1921, Edinburgh Panel chemists who are not at present on the panel list for Leith, will be able to dispense scripts for Leith panel patients. This, of course, is the result of amalgamation. Leith chemists, not already on the Edinburgh list, will similarly be able to dispense for Edinburgh patients.

Glasgow.

The board of the Chemists' Friendly Society considered, on November 22, a report by the manager as to the success of the Unemployment Section. The results were not particularly encouraging. The directors and a few outside the Society had provided a guarantee fund, and the Society had joined the Association of Friendly Societies formed to work the new Act. The Association has since come to the conclusion that the advantages provided through societies are not any better than those to be obtained under the Government scheme, and intimation has been received that that Association has abandoned its scheme.

Corner for Students.

Conducted by Leonard Dobbin, Ph.D.

Communications should be addressed "Corner for Students, 'The Chemist and Druggist,' 42 Cannon Street, London, E.C. 4."

QUALITATIVE ANALYSIS.

A MIXTURE of not more than three salts will form the subject of the next exercise in qualitative analysis. The mixture will comprise acids and inorganic bases occurring in the British Pharmacopœia, and is to be submitted to a thorough systematic examination, all its constituents are to be detected, and proof is to be given that the substances detected are the only constituents of the mixture.

Students' applications for portions of the mixture of salts (accompanied by a *stamped and addressed envelope*, not a stamp merely) will be received up to Tuesday, December 7, on which day the samples will be posted. Students' reports will be received up to Saturday, December 18. Each report should contain a concise account of the work done, and should include a list of the constituents detected. In this list any substance regarded as an accidental impurity should be distinguished from the essential constituents of the salts composing the mixture.

The analysis announced above forms the second exercise in the analytical tournament for the current winter session. The usual monthly first and second prizes in this series of analyses will be awarded only to apprentices or assistants who are preparing for the Qualifying examination of the Pharmaceutical Society of Great Britain or of Ireland, which fact *must be attested on their reports.*

Legal Reports.

Sale of Chemist's Business.—In the King's Bench, Dublin, on November 25, the action of Wm. J. Henning, R.D., Larne *v.* Wm. H. M'Mullan, Ph.C., now in England, was set down for hearing before Mr. Justice Moore. It arose out of the transfer of the defendant's chemist business in Larne to the plaintiff (*C. & D.*, November 6, p. 69). Mr. Williamson, K.C., who appeared for the plaintiff, said the matter had been settled by the payment of a sum of 275*l.* to the plaintiff by the defendant. It was one of the terms of the settlement that all imputations against the defendant in respect of the sale should be withdrawn. He (counsel) accordingly withdrew them. Mr. Justice Moore struck the case out of the list.

Merchandise Marks Act Case.—At Clerkenwell Police Court, London, on November 25, May, Roberts & Co., Ltd., 7-13 Clerkenwell Road, E.C. 1, were summoned by Mr. Francis Gould for applying to a liniment a false trade description—"U.S.A." and "American" under a flag, signifying that the liniment in question was made in the United States. Mr. Travers Humphreys, who appeared for the prosecution, said that the liniment was made in England, and this fact was acknowledged in small letters on the label. Messrs. May, Roberts had however, given an undertaking in writing not to use, after three months from that date, the description objected to, which was intended to indicate the nature rather than the origin of the liniment. The summons was withdrawn on payment of 10*l.* 10*s.* costs.

A Dispensing Case.—At Leeds Assizes, on December 1, Mr. Justice Rigby Swift and a jury heard an action for damages in respect of an injury sustained as the result of alleged negligence in the making up of a prescription. The plaintiff was Mr. John Thomas Bamforth, 8 St. Helens Road, Dringhouses, York, and the defendant was Mr. Reginald Grantham, chemist and druggist, 66 Blossom Street, York. Mr. W. J. Waugh, K.C., who appeared for the plaintiff, said that Mr. Bamforth had all his life suffered from deafness in the left ear. Some time in October of last year he got a cold and went to his family doctor, who gave him a bottle of medicine for the cough and a prescription for ear-drops. Among the ingredients in the prescription was phenol, the quantity prescribed being 6.2 per cent. After using it, the plaintiff experienced sharp pains. A further visit was paid to the doctor, who told him that the prescription should not do him any harm. Later the plaintiff had the prescription made up for him by another chemist, and this, when used, gave no pain whatever. The plaintiff then tested the two lotions on his arm. That made up by the second chemist caused no irritation, but that made up by the defendant caused pain and a sore. Eventually the bottle of lotion supplied by the defendant was analysed, and it was found that it contained practically double the quantity of phenol prescribed—10.3 per cent. As a result the plaintiff was now deaf in both ears. He had had to have an assistant in his secretarial work at a salary of 300*l.* per annum, and had also to consult specialists in Leeds. The plaintiff stated in evidence that, after using the prescription made up by the defendant, his hearing went in about five days. His present salary was 12*l.* a week. Defending, Mr. T. R. D. Wright said it was not denied that the defendant was much deafer than he was before he used that mixture, but it was contended that the cause of his deafness was not the negligence of the defendant. The defendant would say that he made up the mixture according to the prescription. A hundred things might have happened to the bottle between the time when the drops were first used and the time when the contents were analysed. The constituents of the mixture could not be properly assimilated, and, on standing, the heavy liquor, which contained the largest proportion of carbolic acid, would settle to the bottom of the bottle. Only 2 per cent. of carbolic acid could be absorbed by the solvent in the prescription. In evidence, the defendant said he made up the prescription personally and according to the doctor's orders. Cross-examined, he admitted that he used heat to assist in the solution of the carbolic acid. Mr. F. W. Richardson, analyst, Bradford, said only 2 per cent. of phenol dissolved absolutely in paroleine. Glycerin and olive oil would dissolve 6 per cent. of phenol, but in paroleine 6 per cent. of phenol would leave a deposit of minute crystals. The prescription, he said, was "an entirely fortuitous mixture, which in my opinion should not be used for such a purpose." Dr. Appleyard, Bradford, ear and throat specialist, said he did not regard the prescription as one suitable for dropping in the ear, because of the danger of getting crystals of free carbolic acid separating out. He would prefer to use glycerin as a solvent. The addresses of the counsel and his lordship's summing up occupied nearly two hours. The jury, after an hour's consideration, found for the plaintiff, assessing damages at 500*l.* inclusive, except for court expenses. Judgment was entered accordingly.

Bankruptcy Report.

Re H. T. Tomkins, company director, 17 Philpot Lane, London, E.C.—The first meeting of creditors under this failure was held at the London Bankruptcy Court, on November 25, before Mr. Warren, Official Receiver. The debtor, in his preliminary examination, states that in September 1919, in conjunction with Hough, Hoseason, Son & Co., Ltd., Manchester, he formed the Rock Castle Chemical Co., with the object of exporting chemicals. The nominal capital of the company was fixed at 5,000*l.*, in 1*l.* shares, of which the Manchester house took 500, and he (debtor) a similar number, for cash in each instance. No other shares have been issued. The debtor was appointed to the post of managing director, but must resign in the event of his being made bankrupt, and as he is practically the company, the result of that step would be the end of the company's existence. He owes 190*l.*, and has in the shape of assets the 500 shares in the company. The receiving order was made on November 4 upon a moneylender's petition, and the debtor attributes his position to the shortage of raw materials, adverse exchanges, general depression of trade, insufficiency of capital, and loss through credits not being put up. The case was left in the hands of the Official Receiver, to be wound up in the usual manner.

Deeds of Arrangement.

Thorley, Walter, 27 Crouch Hill, London, N., chemist and druggist. Trustee, F. C. Thomas, 50 Cannon Street, London, E.C., I.A. Dated, November 18; filed, November 23. Liabilities, 587*l.*; estimated net assets, 1,000*l.* Among the creditors are: Evans Sons Lescher & Webb, Ltd., 113*l.*; Butler & Crispe, 69*l.*; W. Sutton & Co., 212*l.*; Johnson & Sons, 23*l.*; J. F. Wilkinson, 14*l.*

Turner, John Mackenzie, 1B Bath Parade, Bristol, and Sunningdale, Cleveden, chemist and druggist.—Trustee, A. E. Ashmead, Exchange Chambers, Corn Hill, Bristol, C.A. Dated, November 16; filed, November 23. Liabilities, 2,240*l.*; estimated net assets, 772*l.* Among the creditors are: Bruce Green & Co., Ltd., 46*l.*; Butcher & Sons, Ltd., 41*l.*; R. Ferber, Ltd., 16*l.*; J. Grossmith & Sons, Ltd., 28*l.*; Sangers, 33*l.*; Parke's Drug Stores, Ltd., 694*l.*; Vinolia Co., Ltd., 23*l.*; Southall Brothers & Barclay, Ltd., 16*l.*; J. W. Arrowsmith, Ltd., 71*l.*; Evans, Gadd & Co., Ltd., 35*l.*; Ferris & Co., Ltd., 71*l.*; Hodder & Co., Ltd., 117*l.*; National Drug Co., 59*l.*; W. B. Cartwright, Ltd., 16*l.*

Somniferous.—From a newspaper report of a recent Pharmacy Act case:

"He purchased a corrosive sublimate of codeine, an Eastern syrup, from the defendant."

This is presumably one of the "drowsy syrups of the world" referred to in "Othello."

General Council of Panel Chemists.

A meeting of the General Council of Panel Chemists (Scotland) was held at 36 York Place, Edinburgh, on November 24, Mr. Thomas Guthrie in the chair. There was submitted a report on the work done during the year by the Committee, including the following details:

The Standing Committee, in consultation with representatives of the Scottish Association of Insurance Committees and the Scottish Board of Health, had reached a satisfactory adjustment of the new regulations coming into force on July 1, 1920. The requirement to advertise the nearest chemist when a pharmacy was closed had been deleted. It had been agreed that hours of attendance must be those which are found adequate for the needs of the general population. Also that, failing a local agreement, there would be an appeal to the Scottish Board of Health in which the Standing Committee might intervene. Also that no general publication of places where medicines could be obtained out of hours would be necessary, provided panel practitioners were duly informed as to existing facilities. The Scottish Board of Health had agreed that the elimination of sanatorium benefit should not take effect till January 1921, so that the Sanatorium Benefit Fund would be available to pay drug accounts during 1920. It was pointed out that care must be taken by Pharmaceutical Committees after 1920 that domiciliary treatment of tuberculosis is not continued at the cost of the Insurance Drug Fund. The outbreak of smallpox in Glasgow and the fact that vaccination is classed as part of medical benefit raised acutely the possibility of a heavy charge on the Drug Fund for vaccine for insured persons. The matter had been brought to the notice of the Scottish Board of Health, and arrangements made for the supply of free vaccine for insured persons, as well as the general population, by the local public-health authority. Arrangements had been made, in consultation with the Ministry of Pensions and the Scottish Board of Health, for the dispensing of medicines in connection with district clinics established by the Ministry of Pensions, and for the pricing of the prescriptions in the Central Checking Bureau, Glasgow. Some details regarding "repeat" prescriptions, etc., issued from clinics had created difficulties which were at present being considered. A general scheme for maintaining an Expenses Fund for the work of the General Council and Standing Committee was reported upon. Statistics as to drug accounts throughout Scotland up till August 1920 were submitted. It was reported that naturally the increased dispensing-fees in some areas might mean that the local Drug Fund would be inadequate, but, as agreed with the Scottish Board of Health, balances in other areas would be available to meet any possible deficit. Some Insurance Committees had suggested deducting a percentage from the chemists' accounts from July till the end of the year as a precaution against possible deficiency. The matter had been referred to the Scottish Board of Health, and now instructions were being issued to all Insurance Committees to the effect that payment of chemists' bills month by month should be continued subject to any adjustment necessary under Article 37 of the Medical Benefit Regulations. The funds necessary for this purpose would be furnished to all Insurance Committees upon requisition, any sums so advanced to be regarded as payment to account in respect of funds available out of the special Drug Fund in terms of Article 25 (2) of the regulations. It was pointed out that to avoid the danger of discounting close co-operation between the Insurance Committee, the Panel Committee, and the Pharmaceutical Committee in each area would be necessary to check anything in the nature of improper and extravagant prescribing. The new regulations provide that Panel Committees must take action, and that, should they fail, Insurance Committees are authorised to do so, and that, where both Panel and Insurance Committees fail to act, direct action may be taken by the Scottish Board of Health. On a careful estimate of the probable total drug account for Scotland for the year, and the total available Drug Fund for Scotland for the year, the financial position appeared to be satisfactory, but Pharmaceutical Committees required to make sure that improper or extravagant prescribing received proper attention in the interests of economy and efficiency.

After a full discussion the report of the Standing Committee was unanimously approved.

It was reported that the scheme for an Expenses Fund had been submitted to each Pharmaceutical Committee, and the replies received indicated unanimous approval of those replying. Some areas had not yet responded, but the general feeling of Scottish panel chemists appeared to be quite favourable. The scheme was unanimously approved by the General Council, and instructions given to have it immediately established. It was reported that from one area there had been received a suggestion that for 1921 a claim should be made for the abolition of discounting. Otherwise the general feeling appeared to be in favour of continuing the agreements for 1921 on the terms secured in the last settlement with the Scottish Board of Health.

The General Council unanimously resolved to recommend Scottish panel chemists to continue agreements for 1921 on the terms arranged for 1920.

British Pharmaceutical Conference.

An emergency meeting of the Executive Committee was held at 16 Bloomsbury Square, London, on November 25, the President (Mr. E. Saville Peck) in the chair. There were also present: Mr. H. Finnemore (Vice-President), Mr. D. Lloyd Howard (hon. treasurer), Messrs. F. W. Crossley-Holland and E. R. Cross, with R. R. Bennett and C. H. Hampshire (hon. secretaries).

The President stated that it had been necessary to call a special meeting of the Executive Committee to decide if, in view of certain facts, it would be advisable to alter the date of the Scarborough conference, which had been provisionally fixed at the last meeting of the Executive. Mr. Cross stated that during the week commencing June 27, 1921, which was the date provisionally fixed, another conference was to be held in Scarborough, and that in consequence it would not be possible to engage adequate accommodation at the Grand Hotel, Scarborough, for the members of the British Pharmaceutical Conference during that week. Accommodation could be secured at other hotels in Scarborough, but the local Committee would much prefer that the meeting should be held a week earlier, so that the full resources of the Grand Hotel would be at the disposal of the British Pharmaceutical Conference members.

After a general discussion it was resolved that the Executive should accept the proposal made by Mr. Cross on behalf of the Scarborough Committee to hold the annual meeting during the week commencing June 20, 1921.

Mr. Cross stated that a programme of social functions was being arranged, and full particulars would be submitted to the Executive at their meeting in January next.

New Companies
and Company News.

P.C. means Private Company and R.O. Registered Office.

Harro-Sul-Wa Co., Ltd. (P.C.).—Capital, 2,000*l*. Objects: To carry on the business of manufacturers of and dealers in soaps, creams, toilet products, perfumes, cleaning- and washing-powders, cloth- and carpet-cleaners, weed- and pest-killers, etc. R.O.: 30 Parliament Street, Harrogate.

P. Marcotty & Co., Ltd. (P.C.).—Capital, 1,500*l*. Objects: To take over the business of a chemical and general merchant carried on by Pierre Marcotty at 129 Cannon Street, E.C. The first directors are: P. Marcotty, C. P. Ortegat, and E. F. Arnold, all of 129 Cannon Street, E.C. R.O.: 129 Cannon Street, London, E.C.

Oriental Drug Stores, Ltd. (P.C.).—Capital 2,000*l.* Objects: To adopt an agreement with Shyamsunder Tuga, and to carry on the business of manufacturers of and dealers in drugs, medicines, perfumery, scents and soaps, patent-medicine proprietors, etc. The first directors are: Shyamsunder Tuga (managing director), 16 Church Street, Soho, W.; Naogi Mayeda, 33 Cambridge Terrace, Hyde Park, W.; and O. Bukac, 11 Frith Street, W. R.O.: 27 King William Street, London, E.C.

Allen & Hanburys, Ltd.—The public is being invited to subscribe at par for 150,000 eight per cent. cumulative A preferred ordinary shares of 1*l.* each. This company's present issued share capital is 435,000*l.*, in addition to which there are debentures for 100,000*l.* The assets, according to the latest balance-sheet, amounted, after the deduction of liabilities (not including debentures), to 642,142*l.* The prospectus sets out the net sales for each of the last ten years, and the table shows unbroken expansion, the 1920 total of 1,111,499*l.* comparing with 383,211*l.* in 1911. Net profits are furnished for a seven-year period, and they show that, subject to the payment of excess profits duty and income-tax, the average of the last three years is 91,662*l.*, which is sufficient, after meeting interest and dividends on issues ranking ahead, to pay the dividend on the present amount of A preferred shares more than five times over. The application list closes on Saturday, but applications received by post during Monday will be considered.

Festivities.

North London Chemists' Whist-drive.

The usual monthly whist-drive took place on November 25 at the Progressive Pharmacy Club, Arundel Street, Strand, London, W.C. There was a large company present. The wife of the President, Mrs. C. W. Andrew, presented the prizes; she herself was one of the prize-winners, the others being Mrs. Kirkpatrick and Messrs. Felton and A. R. C. Honiatt.

Glasgow Pharmacy Athletic Club.

The second whist-drive of the season was held in the rooms, 165 Hill Street, Glasgow, on November 23. There were thirty-three tables in use. The prizes were the gifts of Ayrton & Saunders, Ltd., Liverpool, and Bristow & Co., Ltd., London. The prize-winners were: Ladies—(1) Mrs. Milne, (2) Miss N. Morrison; Gents.—(1) Mrs. Cunningham (who played as a gentleman), (2) H. P. Arthur. Mrs. Abbott presented the prizes. An excellent entertainment succeeded the drive. Miss Waddell presided at the piano, and songs were rendered by Mrs. Lawson and Messrs. McAdam and Gowans. Miss Levine was elocutionist.

Centenary and Marriage Dinner.

To celebrate the centenary of Dakin Bros., Ltd., London, E. 1, and the marriage of Mr. Geoffrey Dakin, the directors of the company entertained the staff, on November 24, to a dinner and concert at the London Tavern, E.C. In the unavoidable absence of Mr. J. Harrison Dakin, the chair was taken by Mr. A. V. Appleton. About a hundred and twenty were present. Mr. H. Shelley proposed the health of the bride and bridegroom, and Mr. F. C. Bailey followed with the toast of "Dakin Brothers Ltd.," briefly outlining the history of the business. Mr. Appleton, in responding, read letters from Mr. J. Harrison Dakin and Mr. Geoffrey Dakin, his co-directors, and the manner in which they were received indicated the cordial relationship existing between directors and staff. The Giles Concert Party provided an excellent musical entertainment, and a most enjoyable evening was spent.

Lancaster Pharmacists' Social.

An enjoyable social evening was held on November 24 at the Empire Café, Lancaster, when the members of the Lancaster Pharmacists' Association invited their friends to a whist-drive and entertainment. The President (Mr. H. Troughton) and Mrs. Troughton received the guests, who numbered between sixty and seventy. The proceeds, if any, will be devoted to charitable objects. The arrangements were in the hands of the committee and Mr. J. B. Shattock (secretary). The prize-winners at whist were: 1, Miss Thompson; 2, Miss Doherty; 1, Mr. Pilgrim; 2, Mr. Murray; while the "booby" prizes fell to the Misses Gardner and L. Whiteside. Immediately after the whist-drive an excellent programme of music was rendered, the artists being: Miss Troughton, Mr. Cathcart, Miss Cathcart, Miss Whiteside, Mr. A. H. Robertson, Mrs. H. J. Lee, Mr. W. R. Aked, Miss Shattock (songs), Mr. Burrows, Miss Whiteside (recitations).

Birmingham Chemists' Dinner.

A pleasant evening was spent by the members of the Birmingham Pharmaceutical Association at the Grand Hotel, on November 24, when the new President (Mr. J. W. Atkinson) and Mrs. Atkinson held an inaugural reception. After dinner, the President referred to the Test Case decision, and said that if the respective duties of the proposed Union and of the Pharmaceutical Society were defined, it would be a good arrangement, but in any event he pleaded for unity. Justifying the local monthly minimum price-list against the criticism which it had received, the President declared that the profits are higher than they would have been had the list been discontinued. Further, much helpful work had been done in persuading manufacturers of unprofitable proprietary articles to protect their selling price at a reasonable profit. In conclusion, the President urged the stabilisation of dispensing-charges. Owing to the time taken in dispensing prescriptions, the profit realised was often under-estimated. Appreciation of Mr. H. O. Lloyd's energetic and valuable services during his two years of office as President was expressed by Mr. Atkinson, and a vote of thanks was accorded to that gentleman. Dr. Spencer, of Stratford-on-Avon and house surgeon at the Queen's Hospital, acknowledged the welcome given to the visitors. An enjoyable musical entertainment followed.

Cardiff Pharmacists' Dinner.

The annual dinner of the Cardiff Pharmacists' Association was held at the Queen's Hotel, Cardiff, on November 24, the President (Mr. Owen Jenkins) in the chair. There were also present the President of the Pharmaceutical Society (Mr. E. T. Neathercoat), Mr. A. Hagon (member of the Council of the Society), Principal Coles, B.Sc. (Cardiff Technical College), Mr. Jabez A. Jones, Mr. A. M. Purse, Mr. W. Lewis, and pharmacists, with their wives and friends, to the number of eighty. The loyal toasts having been duly honoured, the President proposed the toast of the Pharmaceutical Society, and congratulated that body on its progressive policy and on the activity of its President and staff. Mr. E. T. Neathercoat, in responding, said that he was beginning to regard this city as his second home, he having so recently attended the reopening of the Welsh College of Pharmacy. After mentioning the recent Test Case, the President said that, when the proposed "Pharmaceutical Union" was working, it would be the duty of local associations and federations to see that it fulfilled its functions, as this new body was to be made thoroughly representative and cover the whole of the country, including Scotland if possible. After brief references to the Proprietary Medicines Bill and the Ministry of Health Bill, the President remarked, *à propos* of the Greenwood case, that, in his opinion, the poison-licences granted so easily to agricultural and other dealers were not in the public interest. Mr. A. Hagon, in giving the toast of "The City of Cardiff," emphasised the unique position of Cardiff as a distributing centre for Wales and the West of England. Mr. Jabez A. Jones, in a characteristic speech, proposed the toast of "The Visitors and the Ladies," which was responded to by Mr. W. Lewis (senior lecturer in pharmacy at the College). "The Cardiff Pharmacists' Association" was proposed by Principal Coles in a very forcible and telling manner. Mr. D. Brims responded. During the intervals between the speeches several musical items were given, including songs by Mr. S. W. Hague, a member of the Association.

The Profiteering Act.

Note.

COMMITTEE'S DISBANDMENT SUGGESTED.

THE Bermondsey Profiteering Committee has decided to ask the borough council to consider whether there is any public necessity for the continuance of the Committee.

Complaint.

CITY OF LONDON.—At the sitting of the Profiteering Committee on December 1, a Mr. Aldred laid a complaint against G. P. Pond & Son, Ltd., chemists, 68 Fleet Street, E.C. 4, in connection with the making up of a prescription. It appeared that Mr. Aldred was charged 2*s.* 6*d.* : for the same prescription on various occasions elsewhere he had paid in the past 1*s.* 6*d.* and 1*s.* 9*d.* The complainant put in a bill showing that a few days after the prescription had been made up by Messrs. Pond he had paid 1*s.* 6*d.* to Hancock & Co., Ltd., 128 Fleet Street, for the same mixture. The prescription was priced as follows :

		Pence.
Sodii brom.	ʒiij.	1½
Sp. amm. ar.	ʒiij.	1½
Sp. chlorof.	ʒiij.	3
Inf. gent. co. conc.	ʒj.	2
Aq. dest. ad	ʒviij.	1
		9
Container		4½
Dispenser's time (¼h. at 2*s.* 3*d.*)		7
Establishment charges (¼h. at 1*s.* 3*d.*)		3¾
		24¼
33 per cent. profit		8
		32¼

For Messrs. Pond invoices were produced showing the cost of every item excepting the distilled water. It was explained that the dispenser received 5*l.* 5*s.* a week, and worked four-and-a-half hours a day. It took him a quarter of an hour to do the work. The establishment charges they put at 1*s.* 3*d.* an hour, and there they had followed the rules laid down by the "British and Colonial Pharmacist" committee. It would be impossible, without a very elaborate set of figures, to get at exact establishment charges. According to the figures given the respondents had charged less than the total cost. It was contended on behalf of Messrs. Pond that if they could satisfy the Committee that they paid the amounts mentioned for the ingredients, the price charged by Messrs. Hancock could not have been a profitable one. Mr. G. J. Drury, chemist and druggist, gave evidence to the effect that the figures produced were accurate. A member of the Committee asked whether 1*s.* 3*d.* was the recognised establishment charge. It was explained that the London Profiteering Committee had decided in favour of the method of reckoning adopted by the respondents. That was a point in their favour. It was necessary to make it clear that 1*s.* 3*d.* was an average figure, so that a shop in Regent Street would have to charge at a higher rate to make a profit, and the same thing would probably apply to Fleet Street. The chairman, in giving his decision, said that the Committee were met here, as they were met in other cases in which a prescription was involved, with two chemists in the same street, and doubtless with the same ratio of overhead expenses, making widely different charges. In that case, as in others, they were given figures and prices which they were quite unable to check. The Committee had no means of going behind the statements made, and on the face of it they had no reason to doubt the accuracy of the figures produced. On those figures Messrs. Pond did not seem to be overcharging for the prescription. It would appear that some chemists must be carrying on their business as philanthropic institutions, because they dispensed prescriptions at prices which seemed to show an absolute loss. Of course there was another explanation, and that was that firms like Messrs. Pond might buy their raw materials at excessive prices; but on the figures which had been produced, the Committee were unable to say that a case of profiteering had been made out. The complaint was dismissed. Mr. C. H. Kirby (Neve, Beck & Kirby), instructed by the Chemists' Defence Association, Ltd., appeared for Messrs. Pond.

Westminster Wisdom.

By the "C. & D." Parliamentary Representative.

DANGEROUS DRUGS ACT.

The Home Secretary, on November 25, stated in the House of Commons that regulations under Sections 3 and 7 of the Act are in preparation and will, it is hoped, shortly be issued.

EXPORT OF MORPHINE AND COCAINE.

Sir P. Lloyd-Greame stated in the House of Commons, on November 25, that exports of opium, morphine, and cocaine and their preparations to the United States of America, France, Canada, and Japan are only licensed on production of a certificate signed on behalf of the Government concerned that the consignment is required exclusively for legitimate scientific or medical purposes, and will not be re-exported. The extension to other countries of a similar system of certificates is at present the subject of negotiations.

THE DENTISTS BILL.

Mr. Raffan asked the Minister of Health, on December 1, whether he can now state when it is proposed to introduce legislation for the purpose of carrying out the recommendations of the Departmental Committee on the Dentists Act, 1878; and Mr. Bartley Denniss asked whether the Government proposes to introduce legislation during the present session of Parliament for the purpose of carrying out the recommendations of the Departmental Committee on the Dentists Act, 1878, and, if so, when a Bill on the subject is likely to be presented.

Dr. Addison replied : I regret that I am not in a position to state the date on which the Bill will be introduced, but in accordance with the promise which I made to a number of members on behalf of the Lord Privy Seal, it is hoped to introduce this Bill before the end of the session in sufficient time for it to be printed and circulated.

THE DYE PROPOSALS.

A deputation of British dye producers and dye users saw Sir R. Horne, President of the Board of Trade, at the House of Commons on November 29 on the subject of an agreed Bill to be introduced before Christmas for the safeguarding of the British dyes industry. It is believed that Sir R. Horne found himself unable to give a promise in the sense desired by the deputation, and that he will refer the matter to the Cabinet and afterwards see the representatives of the industry again. The turnover of British dyes has fallen very largely in the last month or two, partly through the "slump" in trade, and partly through the competition of German dyes. At another conference called by the British Commonwealth Union at the House of Commons on November 29, at which the Industrial Group of the House of Commons met the President of the Board of Trade, it was announced by the President that he could not promise legislation before Christmas, but he reaffirmed that a Bill dealing with dyes, key-industries, dumping, and, above all, exchanges would be introduced as the first big measure of the Government next year. The Cabinet decided on Wednesday that a Bill to deal with the dumping of dyes should be passed before the end of the year. The Bill, which may be introduced formally to-day (Thursday), will empower the authorities to prohibit foreign dye imports except under licence. A special board, with an impartial chairman and two commercial men not directly concerned in the industry, will administer the licensing system.

General Medical Council.

Penal Cases.

The penal business was not concluded in one day as was anticipated (*C. & D.*, November 27, p. 72). The case was commenced on November 24 of Chas. Edward Dolling, M.B., Ch.B. Adelaide, registered as c/o Bank of Adelaide, Leadenhall Street, London, convicted last January of having in Ebury Street, Westminster, persistently importuned for immoral purposes, and fined 10*l.*, in default six weeks' imprisonment; a decision which was confirmed on his appeal to the Quarter Sessions. The case was resumed on November 25. Major Tomlinson, R.A.M.C., and Major Morris, of the Australian A.M.C., were called as witnesses on behalf of Mr. Dolling, and a cable from medical practitioners in Australia certified as to his character. In the end the President announced that the Council did not see fit to order that his name be erased.

The third case was not taken till noon on Friday, the concluding day of the session, in order to give the delinquent a chance of turning up, which, however, he did not do. The records of John Louis Palmer, M.B., Ch.B., registered as of The Grange, Lucan, co. Dublin, show that in 1910 he was convicted at the Thames Police Court for being drunk and disorderly; he then stated that he was a doctor acting as *locum*, and gave his age as thirty-eight. In 1913 he was again convicted twice in one day; the first time he was John Palmer, aged thirty-eight, two hours afterwards he was John Jones of a different address, aged forty. A letter was then sent him from the General Medical Council, stating that they took a grave view of his misdemeanours, and calling for an explanation. No notice was taken. Two months afterwards he again appeared in the Police Court. This time his address was Merrion Square, Dublin, and his age fifty-eight. The G.M.C. then erased his name from the Register, and in 1915 he applied for the restoration of his name; it was restored. Last June he was again convicted at the Police Court, and he was summoned to appear before the G.M.C. The notice of inquiry was returned marked "Gone, no address." The Council spent half an hour *in camera* before they decided that the name should be finally erased.

Revision of the Medical Curriculum.

The question of the revision of the whole medical curriculum remitted to the Education Committee as the result of a long debate last session was the one subject of discussion Dr. Mackay brought up an elaborate report embodying the suggestions made, with recommendations to the following effect; That before registration every student shall be required to have passed in addition to the examination in general education, one in elementary physics and chemistry; That a student who has attended an approved course of instruction may be admitted to a professional examination immediately after his registration; That the age for registration be raised from sixteen to seventeen; That specialised instruction in physics, chemistry, and biology should be included in the professional curriculum; That in order to lessen the evils of cramming, account should be taken at examinations of the student's work throughout the whole course of study; That special sub-committees be appointed to consider details of the curriculum.

A debate took place on November 25 on an amendment put by Dr. Waring that biology be included with physics and chemistry. Others speakers attested to the great value of biology. The President, speaking as chairman of the Education Committee, explained that biology had not been included because it was not taught at secondary schools, and the amendment was therefore practically quashed. Dr. Russell Wells, representing London University, said that to include chemistry, physics, and biology in the Preliminary examination would add a year to the curriculum. The point was not at what age a man qualified, but how long his father had to keep him. He, however, thought it very desirable that initial instruction in science should be given by master minds rather than at secondary schools. Other speakers, oblivious of an old controversy, wandered into speeches deprecating the teaching of science in secondary schools, and the President had to remind them that the question was settled by the Council ten years ago, and certain secondary schools were already recognised for the purpose of preliminary scientific study. The debate was resumed on Friday afternoon, on an amendment, proposed by Sir Gilbert Barling, that any decision on the recommendations be deferred till the sub-committee had reported. Dr. Mackay pointed out that it was not proposed to make any change in the science taught in schools, for the Preliminary, only to introduce a third or intermediate group of study, and he deprecated deferring any longer the revision of the curriculum. The President, as chairman of the Education Committee, added that the effect of the Recommendations would be to ensure that a boy entering on the study of medicine already knew the alphabet of the sciences, and that they would be correlated with his future studies intead of, as now, forgotten as soon as possible.

The amendment was lost by 15 to 17. The Recommendations were then discussed *seriatim* and eventually agreed to. They will come into force in two years' time. The members all concurred as to the evils of cramming and examinations, though Dr. McVail and Sir Gilbert Barling warned them of drawbacks in taking into account the record of the year's clinical work inasmuch as it might open the door to partialities, and also of difficulties with the examiners—it had been tried and discontinued at Birmingham. The present danger was, however, felt to be more pressing than any possible future one. An amendment by Dr. Dean, put in the form of a rider, met the views of those who feared that the scientific requirements would supersede general education, and was carried unanimously, Dr. Dean himself especially urging the importance of English literature and mathematics:

That the minimum standard of general education required by the Council for registration should be raised to a standard equivalent to that demanded in other learned professions previously or concurrently with the coming into operation of the requirement of a preliminary examination in science before registration.

Dr. Magennis raised some amusement by moving that the mental and physical condition of a student be inquired into before registration. He found a sympathetic seconder, and possibly others agreed with him. The President pointed out, however, that the Council could do nothing, since the student came to them armed with an introduction from the dean of his teaching body, who was, therefore, responsible.

Pharmacopœia Report.

The report of the Public Health Committee, brought up by Sir John Moore, was adopted; Dr. Coey Bigger, who seconded, dwelling on the desirability of revising the existing regulations and rules for diplomas adopted in 1889 and amended in 1911, and bringing them more into harmony with what is required of the present-day medical officer of health. The following report of the Pharmacopœia Committee, brought up by Dr. Norman Moore and seconded by Sir John Moore, was received and entered with the remark that it was a report of progress and showed that the British Pharmacopœia was one of the most popular works.

The number of copies of the British Pharmacopœia, 1914, which were sold by the publishers between May 29, 1920, and November 20, 1920, was 2,126. The number sold in the year ending November 20, 1920, was therefore 3,708. The total number sold since the date of publication is 38,978. The stock remaining in the hands of the publishers and their agents abroad is 4,924 copies. The Council last session authorised a fresh impression of 5,000 copies. The stock in hand will suffice to meet the demand for about two years more.

The Committee has been offered an opportunity of making representations to the Home Office on the proposed Regulations regarding the prescribing and dispensing of certain potent remedies under the recent Dangerous Drugs Act, and has communicated its observations thereon to the Secretary of State.

The report of the Departmental Committee on biological standards for serums, vaccines, etc., appointed by the Minister of Health, to which reference was made by the

Committee in reporting to the Council last June, has not yet appeared. It is understood to be nearly ready for publication. The Committee will consider and report on its recommendations in due course.

The Council rose at 3.30, congratulating the chairman on having got through the business in an expeditious and withal leisurely manner.

International Advertising Exhibition.

WHETHER the overwhelming interest taken by the general public in the International Advertising Exhibition—which opened at the White City, London, W., on November 29, and closes on December 4 (Saturday)—was due to the "lucky dip" gift of samples, to the remarkable preliminary procession of "living posters" or to some other attraction may be left to the historian to discuss. It is probable that nothing quite like the attendance of people for whom the display was not primarily intended has ever before been witnessed at a British exhibition. When a *C. & D.* representative, visiting the show on the second day, had seen queues of visitors outside covering ground measurable in terms of miles, had witnessed the holding-up of a whole "street" of visitors while a chubby infant picked up about a pound of dropped chocolates, and had ascertained that the one thing everybody lacked was small change, he began to realise that this was an exhibition of an unusual type.

THE POSTER PROCESSION.

On the previous Saturday living models, "made up" as well-known pictorial advertisements, passed in a procession more than a mile long through several West-End streets. The gloom of a damp November day failed to mar the effect to any extent, and the "circus" was watched by large crowds. The "Bubbles" of A. & F. Pears, Ltd., and the "Kodak girl" were prime favourites, and another effective group was that of Lysol, Ltd., representing a hospital ward with bed and nurses: some of the Lysol staff who figured in that capacity had, it is interesting to know, been on service as nurses during the war.

THE OPENING.

The opening ceremony was performed by Sir Robert Horne, President of the Board of Trade, after a few words of welcome from Mr. C. F. Higham, M.P., President of the Thirty Club of London, the organisers of the undertaking. Sir Robert Horne, in the course of his speech, said that we were at a period in the reconstruction of the world when we had to push our trade in every region of the two hemispheres. At the moment it was sagging, and it required all the help which valuable advertisements could give it. Advertisement was, of course, no new thing, and he supposed advertisements depended on the art of persuasion that had begun in the Garden of Eden, when the first woman was, as they would have expected, beguiled by the advertisement of a particular class of fruit. (Laughter.) At some future time, perhaps, the Milky Way would advertise some infants' food. (Laughter.) The whole theory of publicity had changed and expanded within very recent years. Propaganda in the best sense had come to stay. He was of opinion that goods were cheaper in the end by advertising them, for the obvious reason that if advertisement increased trade it increased the number of articles a manufacturer could produce at the same cost, and it was apparent that, in the end, the public got their commodities at a cheaper price than they would on a smaller scale of production.

THE STANDS.

An inspection of the stands quickly showed that, if it was difficult to comprehend why the public had turned up in such numbers—unless, indeed, we are entirely a nation of shopkeepers—it was easy to understand why those who employ advertising as a tool should scrutinise the ideas thus provided and elaborated. So thoroughly was the professional scheme of the Exhibition carried out that, in more than one instance, firms or companies joined forces for the sake of expressing an advertising conception in an artistic manner. Such, for example, was the case at a corner stand tenanted by THE CHEMIST AND DRUGGIST and other trade papers. Here, two large contour maps of the British Isles were dotted, in the appropriate districts, with chimney stacks from which, by the ingenious use of nascent ammonium chloride and compressed air, smoke was constantly issuing. The suggestion in respect of the group of newspapers was sufficiently indicated. Several manufacturers combined, on rather different lines, to fit out a stand called "The Advertising House," among them being Mrs. Pomeroy, Ltd., Price's Patent Candle Co., Ltd., and Sorbo Rubber Sponge Products, Ltd. Among those who preferred to set forth their ideas in individual stands were W. Edge & Sons, Ltd., the distribution of whose samples of "Dolly" and "Drummer" dyes was largely entrusted to a quaint little drummer-boy, clad in the scarlet of a bygone age. This stand was on a generous scale of size, and struck a distinctive note in the matter of *décor* that evidenced unusual skill in planning. D. & W. Gibbs, Ltd., also had a stand of their own, at which samples of their dentifrices and soaps were in great request when we called. Siemens Bros. & Co., Ltd., were showing their "autophone" system of automatic telephone exchanges; Suttley & Silverlock, Ltd., had a comprehensive display of labels, showcards, and so forth; and Kolynos, Inc., were busily "Kolynosing," as their telegraphic address has it.

WINDOW-DRESSING COMPETITION.

In the window-dressing competition a few prizes were won by competitors connected with the drug-trade, the chief of these being Mr. E. Willson (Kodak, Ltd.), who secured a first prize (100*l.*) for a "Kodak girl" window of elegant simplicity, and Mr. William Williamson (Joseph Young & Sons, chemists, Leicester), who obtained a third prize (25*l.*) for a window devoted to an effective show of Mr. Thomas Harley's Rodine. Other displays that we noticed were devoted to "Eastern Foam," Euthymol tooth-paste, Ucal goods, and photographic accessories. Bennison's, Ltd., chemists, Cale Street, London, S.W. 3, and branches, obtained two 5*l.* prizes with windows devoted respectively to a winter photography show and a Perivale show. These were originally designed in the ordinary way of business by members of the Bennison's staff, and their presence in the competition was an afterthought. During the fortnight that the photographic window has been on show, 183 enlargements have been sold from it—the best of all tributes to its practical effectiveness.

SOME OF THE EXPERTS.

Several lectures on advertising and salesmanship are announced, among the speakers being Mr. Alfred Marland (E. Griffiths Hughes, Ltd.) and other experts. It is understood that any profit made by the Exhibition will be handed over to charities. In the list of organisers given in the official handbook—a well-printed volume of 254 pages—appear the names of Mr. S. G. Haughton, Mr. J. C. Akerman, Mr. W. S. Crawford, Mr. S. Bernard Smith (A. & F. Pears, Ltd.), Mr. Frank L. Lascot, O.B.E., and many others well known in commerce. These and the other promoters, like the stallholders, will have the satisfaction of reflecting, at the close of their uncommonly strenuous labours, that it would be difficult to find a parallel for this Exhibition in the matter of publicity in relation to outlay.

SPANISH THISTLES AS SAFFRON.—A consignment invoiced as saffron was recently held up at Savannah by the United States Customs on suspicion as to its genuineness. A sample was sent to the Agricultural Department for examination, where on analysis the flowers were found to be a common plant similar to the Scotch thistle, coloured with red and yellow dyes, weighted with saltpetre, borax, and glycerin, flavoured evidently with saffron oil, and finally crinkled to resemble the dried crocus stigmas. The stuff was refused entry.

Reorganising Pharmacy.

In response to our invitation for suggestions as to the kind of organisation that should be set up in the Drug-trade to deal with political matters of a trade nature, we have received several more suggestions. These and kindred matters are dealt with in this section.

The Retail Pharmacists' Union.

With the invitations to attend the Local Associations Conference in London on December 8, a copy is sent of the "Draft Constitution and Rules of a Pharmaceutical Union," as printed in the *C. & D.*, November 27, with the following alterations :

Title.

Old Version.	*New Version.*
The title of the organisation to be "The Pharmaceutical Union"; sub-title, "A Union of Retail Employer Pharmacists for the Protection of Trade Interests."	The title of the organisation to be "The Retail Pharmacists' Union"; sub-title, "A Union of Retail Employer Chemists for the Protection of Trade Interests."

Objects.

(2) To act as a representative organisation of pharmaceutical chemists and chemists and druggists, etc.	(2) To act as a representative organisation of pharmaceutical chemists and druggists, etc.
(12) To borrow or raise or secure the payment of money in such manner as the Union shall think fit, and in particular by the issue of debentures or debenture stock, perpetual or otherwise, charged upon all or any of the Union's property (both present and future), including its uncalled capital.	(12) To borrow or raise or secure the payment of money in such manner as the Union shall think fit.

Executive Committee.

	(*New Sub-Clause.*) Notwithstanding the foregoing rule, for the first three years the Executive Committee shall consist of the eight present directors of the C.D.A., in addition to twenty-one elected members.

Divisions or Electoral Groups.

Seven electoral districts to be formed, etc.	Six electoral sections to be formed, etc.

Local Committees.

The employer pharmacists of the Pharmaceutical Committees, acting as a local Employer Pharmacists' Committee, to be the local unit of organisation.	(1) The employer pharmacists of any local Association, being members of the Union, may elect a Committee to act as a local Employers' Committee and as the local Committee of the Union. (2) Failing the appointment of such a Committee, the employer pharmacist members of the local Pharmaceutical Committee who are members of the Union shall be regarded as the local Committee of the Union.

Subscription.

(1) An inclusive membership fee of 30*s.* to be paid by members in respect of each shop if the member carries on business in an area in the checking bureau scheme, an additional 10*s.* to be paid if not in such an area, or not on the N.H.I. panel. (2) The subscription of 30*s.* to include the subscriptions for the P.A.T.A. and the C.D.A. insurance benefits of 200*l.* indemnity and of 10*l.* defence, an inclusive subscription of 2*l.* 2*s.* to provide the higher C.D.A. insurance benefits of 500*l.* and 20*l.* respectively; but in the case of members not on the N.H.I. panel or in an area not in the checking bureau scheme, the inclusive subscription for the higher C.D.A. benefit to be 2*l.* 12*s.* (3) The membership-fee shall be paid in respect of each shop controlled or owned by persons, firms, or bodies corporate owning more than one shop.	(1) An inclusive membership fee of 30*s.* to be paid in respect of each shop where the members carries (*sic*) on business in an area in the checking bureau scheme. An additional 5*s.* to be paid if not in such an area or not on the N.H.I. panel. (2) The above subscription to include the subscription to the P.A.T.A. and the subscription to the C.D.A. for insurance benefits of 200*l.* indemnity and of 10*l.* defence. (3) An additional payment of 12*s.* per annum will provide the higher C.D.A. insurance benefits of 500*l.* and 20*l.* respectively. (4) The membership-fee shall be paid in respect of each shop controlled or owned by persons, firms, or bodies corporate owning more than one shop. (5) Until other arrangements are made the members of the C.D.A. and P.A.T.A. in Scotland and Ireland to be entitled to continue their membership of the C.D.A. without joining the Union.

A Mild Criticism.

The Executive Committee of the London County Pharmaceutical Association have submitted the following amendments of the Pharmaceutical Society's scheme (*C. & D.*, November 27, p. 85) to the District Associations :

(1) Executive Committee.—That the second clause regarding the Central Executive is unconstitutional, unnecessary, and should therefore be deleted.

(2) Divisions or Electoral Groups.—That the word "six" should be substituted for the word "seven" in the second line of the paragraph.

(3) Local Committees.—That the following words should be inserted after the word "Committee" in the second line of paragraph : "or alternatively a Committee appointed by the District Associations."

(4) Secretary of the Union.—That the Secretary should be appointed by the Executive Committee of the Union.

The Latest Development.

As we go to press we have received information from the secretary of the Pharmaceutical Society that the following exchange of telegrams took place this morning (December 2) :

From Metropolitan Members of the Society.

A meeting of the Metropolitan members of the Pharmaceutical Society desire to know whether you, as President, will cancel Associations Conference, and so prevent illegal expenditure of the Society's funds in promoting a Trades Union. Failing an affirmative reply by Friday next, they are pledged to take legal action. Reply paid.—C. W. Andrew, 18 High Street, East Finchley, chairman of the meeting.

The President's Reply.

Conference will not be cancelled; illegal expenditure will not be incurred. I will be pleased to see you and discuss your difficulties and explain the position at Bloomsbury Square to-morrow afternoon or evening if you will make appointment by wire to-day.—Neathercoat.

The services of the fire brigade were requisitioned, on November 25, at the premises of the British Oxygen Co., Ltd., Elverton Street, London, S.W. 1. A cylinder of liquid chlorine was destroyed.

Uses of Papain.—In the course of a recent article on a papaw tree now in fruit in Kew Gardens, "The Times" mentions that papain has proved useful in diphtheria and eczema, and is used to remove freckles and (under the name of "melon bleach") stains from clothes. That prepared in Ceylon is said to be more powerful in action than that obtained in Montserrat, but has earned a bad name from the foolish adulteration with flour, and even with the dangerously acrid juice of another plant, which is practised by the natives.

College Notes.

GLASGOW TECHNICAL COLLEGE.

AN enjoyable dance was given under the auspices of the Royal Technical College, Glasgow, on November 29. Messrs. Ward and McPherson acted as M.C.s, and to them much credit is due for the success of the evening. Among those present were Dr. Ellis, Miss Cameron, and Mr. R. S. Glennie, Ph.C.

LONDON COLLEGE OF PHARMACY SOCIAL.

THE London College of Pharmacy, Clapham Road, held a social evening at St. Peter's Hall, Clapham, on November 24. Messrs. Kennett, Mercer, Roberts, and Reed were the artists, and Mr. Karnofsky gave a conjuring exhibition. A dance followed from 9 to 11.30, with Messrs. Phillips and Hunt as M.C.s. The thanks of students and staff were tendered to Messrs. Karnofsky and Coates for organising so successful an evening.

FOOTBALL—SOUTH *v.* WESTMINSTER.

PLAYED at Norbury, recently, under adverse conditions, this match resulted in a win for the South of England. Ivor Jones, Matthews, and Perkins each scored for the South during the first half. On resuming, Westminster scored from a free kick. The South finished easy winners by five goals to one, Jones again scoring twice.

FOOTBALL—CARDIFF *v.* SWANSEA.

THIS match, played at Cardiff on November 27, was of more than usual interest, owing to the fact that neither team had been beaten this season. Soon after the start Morgan scored for Cardiff, and ten minutes later Johnson equalised. Just before half-time Francis scored for Cardiff, who were thus leading at the change of ends by two goals to one. In the second half Williams and Lloyd scored for Cardiff and Bowen for Swansea, the home team winning by four goals to two.

FOOTBALL—LONDON *v.* SQUARE.

THIS match, played on November 27, created, mainly owing to the heavy scoring, considerable excitement and ended in a win for the London team by six goals to four. London kicked off at 2.45 P.M., and from then until half-time an even and well-contested game took place. About twenty minutes from the start a penalty was awarded to the Square, G. F. Jones scoring. Comber subsequently equalised for London, and half-time arrived with the score of one all. In the second half the staying power of the London became evident, and Comber and Hughes added two more goals. Goals now came rapidly, Morley scoring for the Square and Comber for the London. The Square improved, and goals by Clayton and Melhuish brought the scores level. A quarter of an hour from time Comber again put London ahead, and shortly afterwards scored the sixth.

FOOTBALL—LEAGUE TABLE.

	P.	W.	L.	D.	For	Agnst.	Points
London	2	2	0	0	11	4	4
South	2	1	1	0	7	4	2
Square	2	1	1	0	7	8	2
Westminster ...	2	0	2	0	1	10	0

BLENDED ESSENTIAL OILS.—"The Times Trade Supplement" has a correspondent who writes about raw materials for the confectionery market. This is what he says about "flavourings": "Manufacturers are advised to defer purchases of lemon oil until the arrival of the new crop product, when, owing to the considerable quantities of last year's crop which exporters still hold, it is probable that materially reduced prices will prevail. The high price of several essential oils, such as orange, peppermint, etc., has created quite a demand for blended oils of lower price. This has been specially the case with peppermint oil; most of the essential oil firms are now offering a blended oil to fulfil B.P. requirements at from 15s. to 18s. per lb."

Personalities.

MR. R. CRAWFORD JOHNSON (Johnson Brothers, Dublin and Belfast) has been elected to the Council of Dublin Rotary Club.

MR. EDWARD T. MOXON has been granted permission by the Royal Court of Guernsey to practise as a chemist in the Island.

MR. JOHN BROOKS, chemist and druggist, High Street North, East Ham, London, E. 6, has been elected to fill a vacancy on the town council.

MR. F. P. PICK, Ph.C., Burnley, was a local representative at the National Chamber of Trade conference held at Leamington on November 25.

MR. E. WILLIS JONES (John Bevan & Son, Ltd., manufacturing chemists, Llanelly) has been returned at a Llanelly municipal by-election by a substantial majority.

MR. WILFRID J. BRAY, formerly with Mr. F. G. de Faye, chemist, St. Helier, Jersey, has been appointed dispenser in the Anglo-Persian Oil Co.'s hospital at Aliwaz, Persian Gulf.

MR. P. NOVELLI JAMES (W. J. Bush & Co., Ltd., manufacturing chemists, London, E.), who is President of the Boileau Bowling Club, occupied the chair at the annual dinner of the club on November 24.

MR. ERIC E. MORRIS, who is registered in Great Britain, Australia, and the United States as a chemist and druggist, and has been on the staff of Morny Frères, Ltd., London, W. 1, for some months, is shortly returning to Australia.

AT the recent November local examination of the Trinity College of Music, held at Reading, Miss J. F. Elder, daughter of Mr. Charles Elder, chemist and druggist, 12 High Street, Camberley, was successful in passing in the senior division, pianoforte playing.

MR. J. HASSALL FRANCE, chemist and druggist, who was for some years secretary of the Public Pharmacists' Association, has recently passed his Final examination in medicine and surgery. Dr. France previously acted as pharmacist under the City of Westminster guardians.

MR. PERCY J. ASHFIELD, chemist and druggist, Rhyl, and MISS THELMA ASHFIELD, his daughter, took two of the principal parts in the performance, by the local dramatic society, on November 27, of "The Walls of Jericho." Mr. Ashfield also acted as general manager to the company.

THE name of Colonel R. J. Blackham, C.B., C.M.G., C.I.E., D.S.O., M.D., who is a licentiate of the Pharmaceutical Society of Ireland and a Dublin graduate in medicine, has just appeared in the "London Gazette" as a Chevalier of the Legion of Honour for distinguished services rendered during the war. Colonel Blackham, who has been closely associated with the French Medical Service on the Western and Italian Fronts, already holds the Croix de Guerre *avec palme*.

MONSIEUR R. GATTEFOSSÉ is well known to readers of THE CHEMIST AND DRUGGIST as one of the leading experts on essential oils, but it will be news to many to hear that he is also a student of anthropology. Under the title "Adam, the Tertiary Man" he has published a work embodying several new views. To him Adam does not represent an individual; the name indicates the typical man of a race; the result of countless generations who have not lost their essential ethnical characteristics. M. Gattefossé dwells on the great gulf which separates the two great divisions of the human race: the blond Brachycephales and the Dolichocephales. The former represent the Germanic race; brutal, aggressive, desirous of subjecting others, and given to pillaging, opposed to any sedentary work. The Dolichocephales, to which the French belong, are, on the contrary, agricultural, peace-loving, industrious, and attached to their native soil. It is the race which throughout the ages has been a bulwark against barbarity.

Marriages.

DAKIN—PAYNTER.—At St. Mary Abbot's Church, Kensington, London, W. 8, on November 24, by the Rev. F. Homes Dudden, D.D., Master of Pembroke College, Oxford (uncle of the bridegroom), Geoffrey Dakin, late captain Machine Gun Corps, Brittany Lodge, Edwardes Square, Kensington, a director of Dakin Bros., Ltd., to Margaret Ann, eldest daughter of Lieutenant-Commander Hugh Paynter, 25 York House, Church Street, W., and Weycroft Manor, Axminster.

GILLAN—OSBORNE.—At the Commercial Hotel, Portsoy, on November 19, by the Rev. A. G. Campbell, U.F. Church, John Geils Gillan, eldest son of the late Mr. Adam L. Gillan, to Jessie Sinclair (Janet) Osborne, chemist and druggist, only daughter of Captain Osborne, 15 Hill Street.

NORMAN—DEBENHAM.—At Busbridge Church, on November 24, by the Rev. W. Haswell Norman, M.A., vicar of St. Barnabas', Cambridge (uncle of the bridegroom), assisted by the Rev. H. M. Larner, M.A., rector of the parish, Kenneth Valentine Norman, pharmacist, only son of Mr. Valentine Norman, pharmacist, Leighton Dene, Godalming, to Flora, eldest daughter of Mr. W. Debenham, Berne Leigh.

OSBORNE—MOLLISON.—At Turnham Green Congregational Church, London, W., on November 15, by the Rev. C. W. Sykes, Henry Osborne, chemist and druggist, only son of Captain Osborne, Hill Street, Portsoy, to Jeanie, younger daughter of the late Mr. James Mollison, Campbelltown, and of Mrs. Mollison, Chiswick, W.

SLETCHER—HOOSON.—At Northampton, on November 24, Henry George Sletcher, chemist and druggist (of J. Bell & Co., chemists, Hastings), to Eunice Stewart, youngest daughter of the late Rev. Stewart Hooson, Eastleigh, Southampton.

Deaths.

ANTHONY.—At 22 Clapham Road, Bedford, on November 19, suddenly, Mr. Everard Percival Anthony, Ph.C. (Anthony & Son, chemists, 48 High Street), aged forty-seven. Mr. Anthony was the eldest son of Mr. J. L. Anthony, Ph.C., Bedford, and on his father's retirement took sole charge of the business. He was a Freemason, and was at one time actively associated with the Bedford Dramatic Society.

DUNCAN.—At Glasgow, on November 19, Mr. Hubert Duncan, chemist and druggist, aged forty-four.

JACKSON.—At his residence, "Claremont," Lympstone, on October 28, Mr. John Reader Jackson, A.L.S., sometime curator of the Museums of Economic Botany, Kew Gardens, aged eighty-three. Mr. Jackson spent his boyhood in Kent, and came to London in 1851 for the purpose of studying architecture. He was introduced to the late Sir William Hooker by Professor Bell, and at Sir William's invitation joined the scientific staff at Kew in 1858. Ten years later he was elected an Associate of the Linnean Society. During the forty-three years that Mr. Jackson served at Kew he lectured to countless visitors on the subjects in his charge, and became well known to readers of THE CHEMIST AND DRUGGIST, "The Gardener's Chronicle," and other technical papers by his informative botanical articles: he continued to contribute to a West Indian journal till a few months before his death. He was also the author of "Commercial Botany of the Nineteenth Century," and of an edition of Barton and Castle's "British Flora Medica." Mr. Jackson was highly esteemed by all who came into touch with him. He was prominently associated at one time with events of a social or educational character at St. John's Church, Richmond; after his retirement he served for several years on the Exeter Diocesan Conference. He is survived by a son and five daughters.

MR. J. R. JACKSON.

NEWBERY.—At Winchester, on November 26, Agnes Fanny Eila, daughter of the late Mr. Lionel Newbery (Francis Newbery & Sons, Ltd., Charterhouse Square, London, E.C. 1.).

SPIVEY.—At 36 North Street, Rugby, on October 29, Mr. Thomas Fish Spivey, chemist and druggist, Howden, aged eighty-eight.

TOOKEY.—At Ridgecote, Warwick Road, Olton, on November 24, Kate, wife of Mr. Edwin J. Tookey, M.S.C.I., M.N.A.I.C.

Wills.

MR. SAMUEL FIGGIS, Frognal, Hampstead, and of S. Figgis & Co., produce brokers, Fenchurch Street, E.C., who died on October 4, left estate of the gross value of 165,565*l.* 6*s.*, with net personalty 164,572*l.* 11*s.* 11*d.* The testator left bequests to many institutions, including 500*l.* to the Mincing Lane Benevolent Fund, 100*l.* each to the General Produce Brokers' Association of London and the Rubber Trade Association of London, and four months' salary to each clerk in the employ of his firm of twelve months' service.

DAME CATHARINE ALDAM HANBURY, La Mortala, Ventimiglia, Italy, who died on September 2, widow of Sir Thomas Hanbury, K.C.V.O., left unsettled property of the value of 10,382*l.* 5*s.* 2*d.* Probate has been granted to her sons Cecil Hanbury, Kingston Maurward, Dorchester, and Daniel Hanbury, Castle Malwood, Lyndhurst. She gives a piece of land in Shanghai to her children, Cecil, Daniel, Horace, and Hilda Beatrice Currie, 100 6 per cent. preference shares in Allen & Hanburys, Ltd., and any interest she may take under the will of her uncle, Henry Fryer, to her niece, Enid Lucy Pease Stevenson, and the residue of the property to her sons, Cecil and Daniel.

Business Changes.

MR. D. T. EVANS, chemist and druggist, Margate, has opened an optical department at his establishment in High Street.

J. C. GAMBLES & CO., 49 Farringdon Street, E.C., have been appointed London agents for Ayrton's Toilet Preparations.

MR. H. HAYWOOD DENNIS, chemist and druggist, has acquired the business of Mr. G. J. B. Woolley, chemist and druggist, London Road, Leicester.

THE COOPER LABORATORY, Watford, have been appointed sole representatives in the United Kingdom of Messrs. Cotton, perfumery manufacturers, Paris.

THE NEW London address of Oranje, Ltd., will be 74 Great Tower Street, and their interests in Great Britain will be looked after by Chas. L. Huisking, Ltd.

ITALIAN PRODUCTION OF COPPER SULPHATE IN 1920.—Italy's annual need varies from 70,000 to 75,000 metric tons. The amount left over from 1919 was 15,000 m. tons. This year's production up to June 15 amounted to 73,000 m. tons, and this output continued until July 15. It is therefore estimated that the total production will amount to about 80,000 m. tons, or much more than the Italian vine-growers will require.

Trade Notes.

OSMOS APERIENT WATER.—The wholesale and retail prices have been reduced to 22*s*. per doz. and 2*s*. 6*d*. respectively.

FRENCH CONTAINERS of special designs for toilet preparations and perfumes are offered by E. Housset, 12 Rue Gaillon, Paris.

URODONAL.—Messrs. Heppells, manufacturing chemists, 164 Piccadilly, London, W., inform us that they relinquished the agency for Chatelain's Urodonal on November 15.

ELECTRIC POCKET-LAMPS.—For Christmas trade Ward & Goldstone, Ltd., Salford, ask that orders for electrical pocket-lamps be sent promptly. Deliveries are made by return.

GRIST TO THE MILL.—A novel way of expressing profit from turnover is shown in the advertisement of Arthur Berton, Ltd., surgical-dressings manufacturers, 15-17 Worship Street, London, E.C.

COMBS AND BRUSHES.—Burge, Warren & Ridgley, Ltd., 91 and 92 Great Saffron Hill, London, E.C. 1, have issued a special leaflet with prices of special lines in combs, hair-brushes, and tooth-brushes.

RONOLEKE HOT-WATER BOTTLES.—A diagram is given in our advertising pages explaining the unleakable moulded neck with which the Ronoleke bottles are fitted. The prices of the bottles are also given.

HEALTHBELT.—This invention for promoting women's comfort is advertised in this issue by the Patent Healthbelt Co., 12 and 13 Bouverie Street, London, E.C. 4. Counter-bills and showcards are ready for distribution.

STAFFORD ALLEN & SONS, LTD., Cowper Street, Finsbury, London, E.C. 2, inform us that their cable and telegraph addresses are now: For cables, "Stafalens, London"; for telegrams, "Stafalens, Finsquare, London."

THE JIGGER PATENT is a useful combination tool which should take the fancy of the public on account of the many uses to which it can be put. These are enumerated in the announcement of Watson, Son & Co., 70A Basinghall Street, London, E.C. 2.

LARBALESTIERS' JERSEY EAU DE COLOGNE.—Van Oppen, Ross & Ind., Ltd., 38 Basinghall Street, London, E.C. 2, give a full list of the wholesale and retail prices of Larbalestiers' Jersey Eau de Cologne, for which they are sole wholesale agents for the United Kingdom.

BRAVITA NERVE FOOD.—This food is put forward as being specially rich in vitamines, the importance of which is now fully realised by the medical profession. Francis Newbery & Sons, Ltd., Charterhouse Square, London, E.C. 1, are sole agents and distributors of Bravita food, which retails at 1*s*. 6*d*. per packet. An advertising campaign is being started regarding the food.

"BLUE DIAMOND" COLD CREAM.—This is the subject of the advertisement of Raymet & Co., Ltd., 507-509 Harrow Road, London, W. 10, an idea for a window-display being given. The prevailing colour is blue, the poster and showcards are in blue ink, and the cartons of the cold cream are blue. We have seen the various components of the window-show, and there is no doubt of the effectiveness of the combination. The cold cream is in screw-capped wide-mouth bottles, and sells retail at 9*d*. and 1*s*. 3*d*.

DUMA EAU DE COLOGNE is the main feature of the advertisement in this issue of the manufacturers of Duma perfumery, of which the wholesale distributors are Evans Sons Lescher & Webb, Ltd. We have had the opportunity of examining a sample of the eau de Cologne, and find it distinctive, and it has the advantage of being not overheavy with essential oils and toning ingredients. The perfume is put up in white squares and pocket flasks, and the bottles are fitted with sprinklers. These are shown in the advertisement, where also the retail and wholesale prices are given.

Trade-marks Applied for.

The figures in parentheses refer to the classes in which the marks are grouped, for a list of which, with particulars as to registration. See "The Chemist and Druggist Diary" 1920, p. 308.

(*From "The Trade-marks Journal," November 24, 1920.*)

"RETCO"; for chemicals (1 and 2), food substances (42), and for foods (47). "HAPCO"; for chemicals (2) and for goods (47). By Haddock, Parker & Co., 14 Chapel Street, Liverpool. 406,809/810/811/812; 406,806/808. (Associated.)

"DEKALINE" (interspersed with word "Decahydro") "NAPHTHALENE"; for hydrates of naphthalene (1). By W. S. Smith, 33 Compton Road, Wimbledon, S.W. 19. 406,929.

"REXALL"; for chemicals (2). By the United Drug Co., 114 Old Hall Street, Liverpool. 405,046. (Associated.)

"LYSOLID"; for a disinfectant (2). By the M. B. Laboratories, 87 Commercial Road, Southampton. 405,519.

"WEEDEX"; for chemicals (2). By the South Staffordshire Mond Gas (Power and Heating) Co., Station Street, Dudley Port, Tipton, Staffs. 407,281.

"DIADINA"; for medicinal chemicals (3). By C. R. Böhm, 12 Meineke Strasse, Berlin, W.15, Germany. 402,960.

"BERYL" forming cross on conventional device; for goods (3), all goods (11 and 48). By E. B. Higgins, 22 Lace Street, Liverpool. 405,608/609/610. (Associated.)

"OREMA" and "OREMA"; for goods (3). By Society of Chemical Industry in Basle, 141-227 Klybeckstrasse, Basle, Switzerland. 406,267/279. (Associated.)

"SALALA"; for medicinal chemicals (3). By A. Dawson, 6 Western Road, East Finchley, London, N. 2. 406,338.

"UCALON"; for medicinal chemicals (3). By United Chemists' Association, Ltd., Priory Court, London Road, Cheltenham. 406,720. (Associated.)

"ITZEA"; for a medicated external lotion (3). By A. Robinson, 9 Tunnel Street, Burnley. 407,030.

"THIRSTLETS"; for medicinal chemicals (3). By W. B. Cartwright, Ltd., Mount Vernon Road, Larkfield, Rawdon, near Leeds. 407,941.

"VALEDA"; for invalids' foods (42). By J. Austens, Chandos House, Westgate Buildings, Bath. 396,512.

"DENTOZONE," letter "D," etc., on label device ("Dentozone" and letter "D" disclaimed); for a dental cream (48). By Medical and General Specialities Co., 11 St. James' Road, Wandsworth Common, S.W. 17. 405,729. (Associated.)

"SANCREMOL"; for hair preparations (3). By Ramsay & Voice, The George Toilet Rooms, 44A George Street, Edinburgh. 407,430.

(*From "The Trade-marks Journal," December 1, 1920.*)

"CALLIM"; for all goods (1). By the General Technical Co., Ltd., 92 Banner Street, Golden Lane, London, E.C. 1. 399,908.

"CEMENTONE"; for all goods (1). By J. Freeman, Sons & Co., Ltd., Garratt Lane, Wandsworth, S.W. 18. 398,368.

"MYODOR"; for a chemical straw-plait bleacher (1). By T. Lye & Sons, New Bedford Road, Luton. 407,066. (Associated.)

"LEOPHEN"; for all goods (1) and (4). By Farbwerke vorm. Meister, Lucius & Brüning, Hoechst a/Main, Germany. 407,724/5. (Associated.)

Information Department.

INFORMATION WANTED.

Postal or telephone information with respect to makers or first-hand suppliers of the undermentioned articles will be appreciated:

M5212. Dr. Abbot's thyroid treatment.
N/2511. Cibot's sanitary paper.
R/2611. Daylight face powder.
B/311. Brown's Divorlick (or Dorowich) hair pomade.
S/2911. Randolph elastic belt.

INFORMATION SUPPLIED.

Inquiries regarding the following articles have been answered. The information as to supply will be given to others who send a stamped, addressed envelope to the Information Department, THE CHEMIST AND DRUGGIST, 42 Cannon Street, London, E.C. 4

Airfloat talc powder, L/2211
Blue jat plasters, T/2511
Coty's face powder, D/2411
Dorin toilet preparations, T/2611
Fairy dyes, D/2511
Gummaseur, B/2411
Jensen's cod-liver oil, S/2511
Membroids, R/2511
Powdered henna in bulk, A/2411
Tucker's asthma specific, F/2611

Observations and Reflections.

By Xrayser II.

The Chemists' Dental Society,

in their letter to members of the House of Commons, make out an unanswerable case for the continuance of the right to practise dentistry and pharmacy conjointly. Even greater stress might have been laid upon the advantage of the chemist with regard to the education of patients in the care of their teeth. No class—not even doctors—can be held better qualified than an up-to-date pharmacist for this work, the importance of which, as part of the practice of dentistry, cannot be over-rated. Septic poisoning by the teeth is undoubtedly one of the chief causes of many serious ailments, and a clean mouth a primary condition of that internal cleanliness without which a clean skin is of little or no value as a preserver of health. And who so fitted as the chemist to advise and help in the work of purification? It is chemical cleanliness, asepsis, that is needed, and this is his work. I counsel all pharmacists, whether dentists or not, to read an article on the teeth as disease-carriers which appeared in "The New Statesman" on November 20. It will not tell them anything they did not know before, but they may cull from it several telling phrases that would be useful as "ads." for their dental preparations.

The Conversion

of the Local Associations Executive into an independent Association on trade-union lines is perhaps possible if undertaken by the right persons—that is to say, by persons of an independent mind and proved constructive ability, but Mr. Deakin's circular-letter to "The Master Pharmacists of England and Wales" gives us no guarantee that the nominees of the Council who have the matter in hand possess either of these qualifications for the task. It is an attempt, necessitated by circumstances, of the Ethiop to change his skin; and there is reason to fear that a very much less radical change than is required (perhaps a mere gilding or coat of white-wash, through which its original nigritude may break) will content it. Mr. Deakin promises a reconstruction into a "thoroughly democratic" organisation, but it is questionable whether his ideas of what constitutes democracy are sound: the first essential certainly is autonomy, the right of self-government, of making its own laws and administrating its own affairs. I will add that the governing body of a democracy should be entirely self-evolved.

The Reason Put Forward

by the Council for its intervention in the business of forming a new trade association is that only to such a body as it approves can it consent to transfer the trade functions it is still free to exercise. This is reasonable and proper enough, but from this to the formation of a scheme to be brought into effect by its own creature, the L.A.E., is a long step which cannot be logically justified except upon the supposition that the Society will not approve of any body but one which it has itself helped into existence. If it is so, and if, as seems likely, everyone who rejects this virtual dictation is to be branded as a divider of the brethren, a stirrer-up of strife, perhaps (as one councillor said recently) a traitor, the time is come to tell the Council that the Society may continue to exercise all the trade functions it can, but it will not have a monopoly of them. In your circular to your subscribers there is nothing inimical to the Society; it commits nobody to anything the Council does not profess to desire, and if it is resented the fact is simply an unmasking of the leaders of the Council. My suspicions of them may be unfounded, but if so they are themselves to blame. They have more than once "sold us a pup," and they are going about this business as if they meant to do it again. As your correspondent, "Local Secretary," says, "we know the utter futility of these so-called conferences." A packed meeting, a prepared scheme, an ebullition of more or less poisonous "gas," and—*factum est!*

A Few Notes

may perhaps be added to Professor Barger's paper on ergot, though nothing of much importance remains to be said on the history of the subject. The "Kreutterbuch," in which ergot is, so far as is known, first mentioned on account of its obstetric virtues, was a late edition of Dr. Eucharias Rhodiou's "Kreutterbuch von allem Erdtgewachs," first published in 1533 by Christian Egenolph, of Frankfort. The edition of 1582 was edited by the publisher's son-in-law, Adam Lonicer, and as there is no reference to ergot in the edition of 1560, it may be supposed that it had only recently been brought to his notice. Ergot was introduced into the London Pharmacopœia in 1836 as Ergota: Acinula Clavus (Fries). Its purely vegetable origin was, however, still disputed, for Rennie, in the fourth edition (1837) of his "New Supplement," after referring to De Candolle and Fries, adds that he has himself "ascertained beyond doubt" that it is, as Mr. Read held, "an exudation caused by the puncture of an insect"—namely, *Aphis graminis*. The name "ergot" is said to mean the same as "argot"—that is, cock's spur.

The Chrysanthemum,

the glory of our autumnal gardens, is a comparatively new importation into this country and has no place in medicine, though the first specimen received here, in 1764, was planted in the Chelsea physic garden. It seems to have been lost, however, as it is not, says Phillips, mentioned in the first edition of the "Hortus Kewensis." It was brought from Nimpu, in China, under the generic name "Kokfa." When Phillips wrote, in 1829, he had been able to collect seventeen varieties, to which he gives the native Chinese names. We usually, however, think of these flowers as Japanese, for they were long ago adopted as the national flower of Japan, and one of the most popular festivals of that country is that of *kiku*, or the golden chrysanthemum. The English flower that has the best right to the name is the corn marigold (*Chrysanthemum segetum*), which I have not found so common in our cornfields as some writers would lead one to expect. it was esteemed good for jaundice, no doubt on account of its colour. I believe it is commoner in Scotland than with us. Lyte gives the name chrysanthemum to several other of our wild flowers—*e.g.*, to a species of cotula and to ranunculus, as well as to what he also calls the yellow Roman Camomile. The name signifies golden flower, but Linnæus gave it to the ox-eye daisy (*Chrysanthemum Leucanthemum*), which has a place in our older dispensatories as a pectoral and vulnerary.

A Commonplace Book

of Roger Bacon's, written in cypher, has recently been discovered, and is, I understand, about to be published, at least in part. If genuine, and indeed in any case, since it is said to be manifestly very old, this work should be an important contribution to our knowledge of mediæval science and thought. Bacon's claim to recognition as the greatest scientist of his age, equal to Albertus Magnus in the range of his knowledge and superior to him in original force of mind, has been a good deal obscured by the absurd legends that have gathered round his name, though these, too, are in a way a tribute to his reputation. He was an alchemist, of course, but he made several important chemical discoveries, and has a place, though a small one, in "The Chronicles of Pharmacy." Brande, writing as a chemist, speaks slightingly of his "Mirror of Alchymy," but says of his "Opus Majus": "I know of no work which strikes me with more surprise and admiration." Like Hallam, he compares him very favourably with his illustrious namesake of a later age, and it is probable that of the two Roger was the greater man. He certainly suffered more for his opinions and his endeavours to advance the world upon the path of knowledge.

A LICENCE has been issued by the Board of Trade to the British Silk Research Association under the conditions laid down in the Government scheme for the encouragement of industrial research.

"SANITAS" EMBROCATION.
Invaluable for
ACHES, SPRAINS & STIFFNESS
THE ATHLETE'S BEST FRIEND
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Editorial Articles.

The "C. & D." Plebiscite Result.

In view of the conflict of opinion that existed among chemists as to the kind of trade body that should take over those interests which the Test Case decided could no longer be carried on directly or indirectly by the Pharmaceutical Society, we decided to give the trade an opportunity of voting on the matter. Accordingly, in the *C. & D.* of November 20 we issued a *questionnaire* in which direct answers were asked upon six leading points. The replies were only to be sent in by chemists in business in England and Wales, as Scotland has already solved the problem of a trade body by organising the Scottish Pharmaceutical Federation. The *C. & D.* reaches the largest number of chemists in business in England and Wales, and hence was in a unique position to undertake the plebiscite. Moreover, we have no direct interest in any particular organisation, and have given in our columns a fair field to any chemist who had views to express regarding the future trade organisation. The replies to our questions have been coming in in a steady stream during the week, and we regret that, in view of the pressure of events, it has not been possible to extend the period. We are not surprised, therefore, that since the closing of the poll many more replies have been received; and altogether a valuable indication of the opinion of a large and important section of the trade has been obtained. We desire to thank those subscribers who have responded to our appeal, and also those who have given additional suggestions when returning the *questionnaire*. Considering now the replies in detail, the first question was:

Should a new organisation be created independent of the Pharmaceutical Society and its officials?

Exactly 5 per cent. of the replies were "No," so that, in Parliamentary language, "The Ayes have it." This question, we must confess, is the key of the situation, and it has disclosed a practically unanimous opinion that the new body should be free of the influence of the Pharmaceutical Society. Most chemists appreciate the unique opportunity that the Test Case has given for separating the professional and trade interests of pharmacy. Some of our subscribers emphasise their answers by inserting "entirely," "absolutely," or "quite" before the word independent. Other comments are:

The leopard cannot change its spots, and its spots have been the trouble for thirty-five years.

This morning I received a circular signed by Mr. Deakin, but of what use is it when it bears the heading "Pharmaceutical Society of Great Britain"?

So far as I can see, a new body should not be tied down to an old one. This would give the new organisation more scope, and there is ample room for development in pharmacy.

As a member of the Chemists' Defence Association I favour a combination of this with the new organisation, making it one body for the protection of the interests of qualified chemists.

My view is that if practicable the P.A.T.A. and C.D.A. should go out of business and reconstitute themselves, the experienced officers of these bodies being utilised by a strong independent Federation.

While I quite consider that a body independent of the Pharmaceutical Society should be constituted, I do not think the C.D.A. and P.A.T.A. should be washed out, but absorbed with their staff. . . . By adopting the best points of the old school and uniting them with those of the new we shall found an organisation far stronger than by simply scrapping the lot.

I sincerely hope that the master pharmacists of England

and Wales will take this opportunity to associate themselves in an organisation entirely free from the Pharmaceutical Society, the Local Associations Executive, the Proprietary Articles Trade Association, and the Chemists' Defence Association, who are, after all, members of the same happy—or should I say unhappy?—family.

I favour an organisation absolutely and unequivocally separate from and independent of the Pharmaceutical Society. The trade interests of chemists can only be safe in the hands of an organisation of individual members, who will be sure that any new idea or suggestion will receive attention, and not be snuffed out because the matters have not been sent down for consideration by the Society.

Roughly speaking, I should prefer a new organisation independent of the Society, although more or less co-ordinated with it. My hope would be that this would probably rope in the malcontents, who never can see anything good in the old Society. Thus the trade side would be emphasised to the exclusion of the mere scientific side of the business. How this would work out I cannot say.

The second question was:

Should there be separate bodies for England and Wales?

As we have explained, the object of this inquiry was to give scope for the expression of national aspirations, seeing that Scotland already has an independent and virile trade body in existence. The consensus of opinion is against a separate body, but several of our subscribers point out that only Welsh votes should count.

The third question was:

Should the objects of the new organisation be similar to those of the Scottish Pharmaceutical Federation?

The most important of these objects had been given in the *C. & D.*, November 13, p. 65, so that our readers could judge of the scope of the Scottish Federation. We had been informed also that the objects were drawn up by experts in pharmaceutical and trade-union law. As there had never been any doubt in Scotland as to the functions of the Pharmaceutical Society, all trade matters to be undertaken by the Federation were provided for. The replies indicate that the objects of the Scottish body meet with approval south of the Tweed. Among the opinions expressed are the following:

English conditions are different from those of Scotland.

I should not amalgamate with the Scottish Federation; conditions there are different, and a competitive or rival spirit does good.

The problems are different in Scotland, where the doctors do not dispense, and a separate body takes charge of Insurance dispensing questions.

The first business of the provisional committee should be to approach the Scottish Pharmaceutical Federation with a view of amalgamation, so as to form a British (or National) Pharmaceutical Federation, without delay.

The final questions, which may be taken together, were:

Would you be prepared to support the new organisation by becoming an annual subscriber?

Would you be prepared to serve on the Provisional Committee?

Would you be willing to contribute towards the promotion expenses?

Promises of support as annual subscribers and as contributors to the promotion expenses were generally given, sometimes with limits as to the amounts. Replies to the fifth question indicated a good number of willing workers, a feature being that many offers to serve on the Provisional Committee came from chemists who have not hitherto been in the limelight of pharmaceutical organisations. This indicates that there is a good field of fresh workers available. It is fair to add that several append remarks to the effect that they are single-handed or would be glad to help. On the general principle of the issue of the *questionnaire* many have expressed approval, but here and there we come across advocates of procrastination, and just a few, "wise after the event," think we should have waited for the scheme of the Pharmaceutical Society. It must be recollected, however, that our decision to issue a voting paper was arrived at in consequence of the division of opinion indicated in the *C. & D.*, November 13, and the Pharmaceutical Society's scheme was not handed to us until too late for inclusion in the *C. & D.* of November 20. We have since been told that the production of the Society's scheme was unexpected by many members of the Council, who had no idea that a cut-and-dried plan had been drawn up, and that officials had already been designated to the chief positions. The "short and sharp" campaign which we have conducted has ensured that the Society's scheme will receive close attention, and although we do not think that any of the details will be altered at the Conference of Local Associations which is to meet in London on December 8, we have at least ensured that the plan will be closely examined by chemists in business in England and Wales. Naturally, our independent action has not met with universal approval, particularly from those who hoped to rush through a scheme on the spurious plea of urgency. We make no complaint that here and there the decencies of pharmaceutical politics have been disregarded, because our experience is that misrepresentations and discreditable insinuations always recoil on the authors.

Proprietary Medicines Bill.

It will be remembered that at the autumn adjournment of Parliament the Proprietary Medicines Bill was in the Committee stage in the House of Lords. A promise was given that the Ministry of Health would confer with the trade interests opposed to the Bill with a view of arriving at an understanding on the points of difference. We have since indicated the steps that have been taken, and in the *C. & D.*, October 30, we referred to a draft of amendments which had been submitted to the Minister of Health. The *C. & D.*, October 23, contained an analysis of the Bill, in the course of which it was pointed out that the memorandum and the clauses of the Bill were not in agreement. This serious position, when pointed out to the members, would have been fatal to any progress of the Bill in the House of Commons, as that assembly is particularly severe on attempts by Government Departments to hoodwink it. It was thought that on this account the Bill was as good as dead. Recently, however, draft amendments have again been presented to the Minister of Health, and rather than drop the Bill he decided to delete proposals that in the House of Lords were designated as "vital," and the Minister agrees also to make the memorandum and the clauses of the Bill coincide. This is no doubt much to the relief of the gentleman who has been designated as Registrar of Proprietary Medicines, and also to the doctors who are looking for soft jobs on the new Proprietary Medicines Department of the Ministry of Health. It will be a costly department, and it is not unlikely that on this account alone the Government may yet drop the Bill, as the Cabinet is getting alarmed at the persistent cries for economy in administration. Already the Ministry of Health is famed as one of the most extravagant of the Government Departments, and any moment

the House of Commons may realise that unnecessary legislation designed further to increase the expense to the country of the Ministry of Health should be avoided. Briefly, the changes in the Bill follow the lines suggested in the *C. & D.* There is to be no formula deposit, but a declaration is to be made of drugs which are to be named in a new schedule. It is not to be an offence to sell remedies for "the prevention and relief" of the diseases named in Schedule I. "Deafness" is to be restored to the schedule, and surgical instruments or medical appliances are now to be deleted from the Bill. The position in regard to "known, admitted, and approved remedies" bearing a brand name on a series is, however, not quite cleared up. The amendments are to be moved by the Government, and there is now no reason why the Committee stage should not be finished in the House of Lords before the Christmas adjournment. What will happen then to the Bill is not known, but at least the most objectionable features of the Bill will have been eliminated, and, if necessary, further efforts will be organised to amend the Bill in the House of Commons.

Next Week's Conference.

The agenda of the Local Associations Conference, to be held in London on December 8, has been sent out to Associations qualified to send delegates. With it has been sent a copy of the Pharmaceutical Society's scheme for the establishment of a Pharmaceutical Union. Some alterations have been made since we printed the original scheme, including a change of name to "The Retail Pharmacists' Union." We indicate the changes in another part of this issue. The most significant alterations are the sub-clause (3) under the heading "Executive Committee," which has been inserted presumably to protect the vested interests of the directors of the Chemists' Defence Association, Ltd., which is generally referred to in the document as "C.D.A." The alteration has probably been necessitated by the fact that one of the directors lives in Dublin, another in Scotland (already provided with its trade organisation), and that two are not now in business. The number of electoral divisions is now to be six instead of seven, while some alterations have been made in the wording of the section of the scheme dealing with subscriptions. The additional fee to be paid by chemists not on the panel is now to be 5*s.*, instead of 10*s.* as proposed. It has presumably been found that the panel chemists now pay 5*s.*, instead of 10*s.* as previously estimated, out of the profits of the Insurance prescription price-checking bureau towards the expenses of the Local Associations Executive. A little mild criticism of the scheme has been made by the London County Associations' Executive, one suggestion being that the Executive Committee of the Union should appoint the secretary. It is generally known, however, that a new secretary has been designated for the Chemists' Defence Association in place of Mr. W. Johnston, who is to be pensioned. This secretary, it has been arranged, is also to be secretary of the new Union. As the Executive Committee of the Union will consist of the directors of the Chemists' Defence Association and the present members of the Local Associations Executive, it will be seen that the suggestion put forward by the London County Associations Executive does not amount to much. One point of subsidiary importance which the Conference is to consider is the remuneration for Insurance dispensing for 1922. A deputation from the Pharmaceutical Society interviewed the Ministry of Health last week, but the terms are not to be made public until the Conference meets. The Conference recalls to our mind the efforts made in 1913 to organise the trade and the lessons to be learned from the past six years' ploughing of the sands in affairs other than National Health Insurance. A compromise was made on six co-opted members of the Pharmaceutical Society; the proposal now is for eight for a limited period. In 1913 two-thirds of the power was given to the Associations and one-third to the Pharmaceutical Committees, but the whole of the available funds came through the one-third power, which was a statutory body. Insurance matters were rightly the dominant interest. It was in 1918 that complete subordination of the Local Associations Executive took place by the absorption of all its funds into those of the Society and the appointment in July of that year of the L.A.E.'s secretary to be an assistant secretary of the Pharmaceutical Society. The reason given was that the secretary of the Local Associations Executive had not a proper standing in dealing with Government Departments. The development of this "sub-committee" of the Council through territorial representation and wholly elective Executive, in July 1919, promised great hopes of securing through natural evolution a trade-conserving body capable of meeting the growing consciousness of chemists in business for working together for the common good. The weakness lay wholly in its subordinate secretariat and in the fact that the L.A.E. drew all its income from indirect sources. A direct membership will certainly exact a greater return than has ever been given. The panic over a Trade Board which has still to materialise brought about the federation of employers, but with the inadequate subscription of 1*s.* In every case employers were to be indirectly subsidised by the Pharmaceutical Committees. The obvious course is to increase the subscription, sever the executive of employers from the Pharmaceutical Society, and place the price-checking bureau on a commercial basis, which means eliminating the 5*s.* difference referred to above. The independent body would then be in existence, and a working agreement with the Chemists' Defence Association could be formally made. The proposal now is for amalgamation, fusion, or absorption (the term varies) of a limited liability company with an unlimited association. As the latter is to function as a trade union, a delicate position may arise which should be guarded against. The only difference between the "independents" and, for want of a better name, the official party is one of efficiency and effective control by the fully elective executive on its present or on an improved basis, and whether this should be attained by direct or indirect methods. The coming week is therefore a most momentous one for pharmacy, and the responsibility of the delegates at the Conference is greater than at any previous gathering of the sort.

Separating Prescribing and Dispensing.

"The Lancet" devotes considerable space to a consideration of the question of dispensing by doctors. The interesting paragraphs are as follows:

> The growth of panel practice prepared the way for such a change, since it regularised the conditions of remuneration, which, it was hoped, would be satisfactory both to the medical profession and to the dispensing chemists. So far as medical men are concerned, it is probable that this separation of work will be cordially welcomed by some, since they will thus be relieved from the labour of dispensing after rounds of visiting. . . . Casual attention is not sufficient; no care can be too great, and the scrupulous exactitude which is routine to the trained pharmacist is only got by the medical man through unremitting watchfulness.

It is a hopeful sign when the most influential medical journal of this country takes such a pronounced view on the question.

Pharmaceutical Society of Great Britain.

Council-meeting.

A MEETING of the Council was held on the evening of November 30 at 16 Bloomsbury Square, London, W.C. The proceedings were private, and the following official report has been supplied :

DANGEROUS DRUGS ACT.

The Council went through the draft Regulations under the Dangerous Drugs Act, which had been submitted by the Home Office for the observations of the Society. The Regulations were considered clause by clause, and certain amendments suggested, and the President, Vice-President, Mr. Rowsell, and Mr. Skinner were appointed to bring the amendments to the notice of the Government.

An open meeting of the Council was held on December 1. All the members were present, with the exception of Mr. Young, and the chair was occupied by Mr. E. T. Neathercoat (President). The minutes of the meetings held on November 3 and 17 had, presumably, been read at the meeting held the previous evening. At the outset of the proceedings the President intimated that no questions had been submitted by members of the Council.

ELECTIONS AND RESTORATIONS.

It was agreed that seven persons be elected members of the Society, that one be elected a student-associate, that one be restored to the Register, and that three be restored to the Society. The registrar reported that seventy-six persons had been registered as apprentices or students since the last meeting of the Council.

SUPERINTENDENTS OF EXAMINATIONS.

The following were appointed to the respective position of superintendents and deputy-superintendents of written examinations : London—Mr. Edmund White, Mr. Harry Moon; Edinburgh—Mr. James Nesbit, Mr. Donald MacEwan; Manchester—Mr. Charles Swinn, Mr. R. F. Swinn.

CORRESPONDENCE.

The secretary read a letter from Mr. Williams, secretary of the Glamorganshire Pharmaceutical Committee, enclosing a resolution on behalf of 150 panel chemists, calling the urgent attention of the Council and of the Local Associations Executive to the present need, in the public interest, of legislation separating the distinct functions of prescribing and dispensing. The President pointed out that the point raised in the communication had been dealt with by the Council at the meeting held on November 17 (*C. & D.*, November 20, p. 60).

A letter was read from the Western Pharmacists' Association suggesting that a pharmacy club should be founded. The letter asked the secretary to bring the idea to the notice of the Council, with the view of their examining the possibility of such a scheme. Certain premises of the Society, the letter stated, could be utilised as providing suitable accommodation for chemists' associations for business and social purposes, and a place of rest for London and country members of the Society.

Mr. ROWSELL expressed the view that the main suggestion of the letter should receive the very careful consideration of the Council, and proposed that it should be referred to the House Committee.

Mr. WOLFF agreed, with the proviso that the attention of the Western Pharmacists' Association should be called to the existence of a club on similar lines to those the letter mentioned.

Mr. WHITE : That is only a dining club.

Mr. ROWSELL : That club's existence is common knowledge.

The VICE-PRESIDENT : This would be a real club. (Laughter.)

It was decided that the letter be referred to the House Committee for consideration and report.

A letter was read from the Southampton Employer Pharmacists' Council, forwarding a resolution to the effect that it is desirable that a national federation of master pharmacists be formed, and requesting the Council to convene a meeting of the members of the Society to consider the project. The PRESIDENT said that the proposal embodied in the letter was actually in process of being given effect to.

The secretary of the Joint Board of Scientific Societies wrote asking that the Council nominate a representative for the year 1921. Mr. Edmund White was nominated for re-election, and was thanked for his past services.

The secretary read a letter from Sir Almeric Fitzroy, Secretary to the Privy Council, transmitting Orders in Council approving the list of examiners appointed for the ensuing year, the amendment of the regulations relative to the Qualifying examination, and the amendment of the by-laws regarding alterations of the annual and life members' subscriptions (*C. & D.*, November 6, p. 74).

The secretary of the National Association of Women Pharmacists wrote thanking the Council for granting the use of the lecture theatre on November 1.

NORTH BRITISH BRANCH AND THE TEST CASE.

The secretary read a letter from Mr. J. Rutherford Hill, secretary of the North British Branch, to the effect that at a meeting of the Executive Committee of the North British Branch, held on November 24, the chairman (Mr. James Jack) reported on his visit to London. The Executive considered the whole situation in regard to the judgment in the test case and the procedure in connection therewith. The letter proceeded : "You will remember it was remitted to the General Purposes Committee to confer with the Council on any matters arising in connection with the test case judgment. The following resolutions were unanimously adopted, and I was instructed to furnish a copy to Mr. Guthrie, who is proceeding to the Joint Committee in London, and also to send a letter to you to be submitted to the Joint Committee and to the Council. The Executive of the North British Branch desire to call the attention of the Joint Committee and to ask their very serious consideration of the proposal which follows, and which, they hold, should be considered by the Council before any formal negotiations or decisions as to relations with outside bodies are proceeded with or effected. The Executive of the North British Branch has considered the present position consequent on the judgment in the test case (Jenkin *v.* The Pharmaceutical Society), and begs to submit for the consideration of the Council the following points :

(1) That the Executive of the North British Branch, an elected body acting for Scottish members of the Society, and appointed to assist the Council in conducting the business of the Society, should be consulted, and should make a report to the Council.

(2) That procedure and the coming to any final decision should be delayed till such time as the Executive has had a reasonable opportunity of making a considered report.

(3) That while a distinct organisation under the Trade Union Acts is imperatively necessary, the setting up of a general trade organisation entirely separate from the Pharmaceutical Society is the reversal of the original constitution of the Pharmaceutical Society as expounded by Jacob Bell, and embodied in the constitution adopted in 1841. A proposal so vital, involving the abandonment by the Society of certain work legitimately pertaining to the Society should be submitted to the whole membership of the Society before being adopted.

(4) That any decision ostensibly applying to England and Wales alone must inevitably affect the position of members of the Society in Scotland; that the C.D.A. is a Scottish Association as well as an English Association; and that consequently no question of policy should be foreclosed until the views of the Scottish members have been ascertained.

(5) The procedure of the Council so far as it has gone appears to be *ultra vires* as well as inexpedient."

The VICE-PRESIDENT expressed the desire to mention that the letter had been read to and considered by the Joint Committee.

Mr. SKINNER : I hope it will be put on record.

Mr. DEAKIN : It is on record, but with no recommendation.

Mr. SKINNER : I mean on record with this Council.

Mr. PARRY : Is it written by the secretary of the North

British Branch that the action of the Society has been *ultra vires*?

The President: He is writing this as the resolution of the North British Branch.

Mr. Guthrie, replying to the question raised by Mr. Parry, said that the letter had been written by the secretary of the North British Branch Executive as conveying the opinions of that body; and that the only regular way in which these opinions could be conveyed was through the pen of the Secretary of that Executive. The Executive of the North British Branch did not wish to interfere in the slightest degree with the result of the test case, which affected only the members of the Society resident in England. But the Executive did think it was within their right to call attention to the fact that there are circumstances connected with the test case which affect members of the Society as members in Scotland as well as in England. That was why he agreed with the feeling expressed that time was not given to the members in Scotland to consider the whole position which had arisen as a result of the test case. Possibly there were grave reasons why the thing should be hurried on, but to the members of the Executive in Scotland these did not appear to be so tremendously important that reasonable time should not be given to consider the situation created.

Mr. Hines asked if the letter would be put before the coming Conference.

The President: No.

Mr. Deakin asked whether opinion in Scotland had changed at all, since they were told by the chairman of the North British Branch, who was also chairman of the Scottish Federation, that at present it was advisable not to consider the position of Scotland—that Scotland should be left out in the consideration of the scheme. It might be that at some future time either necessity or expediency might urge their Scottish friends to come into the Federation, and thereby make it universal throughout Great Britain.

Mr. Melhuish thought that it might be to mutual advantage if representatives of the North British Branch could be present at the Conference in view of the tone of the letter which had been read.

The President replied that two representatives from Scotland would be present at the Conference.

Mr. Melhuish further inquired if, in view of the tone of the letter, it might not be advantageous, and have the tendency to smooth over matters considerably, if an official representative of the North British Executive were present, by invitation, at the Conference.

The President stated that the Council did take steps to secure official representation of the North British Executive at the Conference to which the Vice-President had referred. An official representative was invited, so that he might be in touch with everything done in London; and the resolution embodied in the letter was apparently the result of his report to his Executive.

Mr. Guthrie pointed out that the representation of the North British Executive at the Conference was by no means the whole question. It was quite reasonable to expect that in the mind of the chairman of the Local Associations Executive (Mr. Deakin) the matters of the Local Associations Executive should predominate, but these were not the only ones in question. There were others to which the North British Branch Executive called attention, and these were the only ones to which they had the right to call attention. The suggestion as to the attendance of delegates from Scotland at the Conference was a totally different matter.

The secretary intimated receipt of a further letter from Mr. Rutherford Hill, dated November 24, enclosing a report of the Executive Committee held on that date. That report gave the statement made by Mr. Jack to the Executive Committee, and also embodied the resolutions passed

Mr. Hines moved that the Council invite Mr. James Jack and Mr. Rutherford Hill to be present at the Conference.

Mr. Skinner seconded.

Mr. Rowsell submitted that, as there are already two representatives from Scotland on the Council, such an invitation as Mr. Hines proposed was unnecessary. The matter related to England and Wales.

The President reminded the Council of what Mr. Deakin had pointed out—that Mr. Jack had expressly asked that for the time being he should not be associated with the movement. He did not mind the representatives named by Mr. Hines being appointed, but the point Mr. Deakin had mentioned was one that should be remembered.

The Vice-President suggested that an invitation to Mr. Jack, such as the one suggested, might place him in an embarrassing position. The interests of Scotland would be well looked after by the two members of the Council.

Mr. Guthrie took it that, in setting up a trade organisation scheme, it was contemplated that at some future date there might be a possibility of union with Scotland under it. (Hear, hear.) He did not for himself see how they could run any insurance side to such a scheme. In considering that and other matters it might be well that Mr. Jack should be present at the Conference. He was not, however, quite sure about the position of Mr. Rutherford Hill.

Mr. Parry asked if there was any objection to inviting to the Conference the representatives of trading interests in Scotland. He took it that it was the wish of every member of the Council to bring the whole country into line. None of them desired any cleavage between one part of the country and another; and if by reasonable and fair means they could bring Scotland into line, and so stop wretched side-issues, it would be better for pharmacists all over the country. There appeared to be some evil influences at the bottom of the whole thing—encouragement being given to the idea of Scotland being kept apart. He was of opinion that representatives of trading interests in Scotland should be invited to attend the Conference, if by so doing it was likely to be productive of good.

The Secretary reminded the Council that, on November 4, the Scottish Pharmaceutical Federation wrote to the effect that the decision of the test case was duly considered, and that in the interests of the craft generally the Executive decided to place their experience and knowledge at the disposal of their brethren in the South. With that object in view a small committee consisting of the chairman (Mr. Jack), the vice-chairman and the secretary (Mr. Murray) was appointed, and it had expressed its willingness to confer with any body that wished to benefit by its assistance should a Conference be contemplated. He had dictated a letter in reply to that communication, and in view of the discussion he should prefer that the Council should approve of his reply.

Mr. Hines asked leave to amend his proposition, substituting the names of the gentlemen mentioned in the letter from the Scottish Pharmaceutical Federation for those he proposed.

The Secretary pointed out that they could only deal with the letter received from the Society's Executive in Scotland. The last letter he read was from an entirely different body—the Scottish Pharmaceutical Federation; and by an accident of circumstances Mr. Jack was chairman of both bodies.

Mr. Parry thought that the three gentlemen whose names were mentioned were the very ones the Council should have at the Conference.

Mr. Lloyd feared that unless the Council were very careful they would get into a bigger tangle than ever before. They had the North British Executive criticising them for adopting a certain course of action. Their objection, as he understood it, was that the Council were handing over, or were proposing to hand over, to an English trade union powers which, they held, should not be so handed over. It seemed to him that the Scottish Federation might very easily agree to a course of action which the North British branch of the Society would object to. The Council could not do anything with the Scottish Federation without consulting their North British Executive.

Mr. Deakin thought that at that stage it would be inadvisable to have too many representatives from Scotland at the Conference; he was prepared to move that

at that stage it was not advisable to have any other representative present than the Chairman of the North British Executive (Mr. Jack). In proposing that amendment, he wished to say that at a future stage they should be very pleased indeed to accept the suggestions of their friends in Scotland. If they could help in setting up an organisation representative of all the country, all the better.

The Council continued its sitting in private. On resuming,

Mr. MELHUISH, in seconding Mr. Deakin's amendment, said that it carried out the idea which he had at the back of his mind, that they should in no way inflict anything that by any reasoning could be regarded as a slight upon their fellow-pharmacists in Scotland. In extending to them an invitation of the kind, he felt the Council were doing a courteous and the right thing. After all, their interest in the large matters of pharmacy concerned the whole country, whether they had to do with a trade union or not.

On a show of hands, Mr. Deakin's amendment was carried by ten to six.

FINANCE COMMITTEE.

The monthly financial statement is summarised as follows: Receipts since the last meeting, including a balance of 2,780*l.* 11*s.* 4*d.* brought forward, amounted to 5,186*l.* 6*s.* 7*d.*, comprising the following items: Restoration-fees and certificates of qualification, 9*l.* 14*s.*; penalties and costs, 15*l.* 10*s.*; "Journal" and publications, 1,021*l.* 15*s.* 6*d.*; registration-fees, 359*l.* 2*s.*; subscriptions, 423*l.* 13*s.* 6*d.*; examination-fees, 102*l.* 18*s.*; dividends, 92*l.* 7*s.* 1*d.*; school-fees, 380*l.* 15*s.* 2*d.* From this amount was deducted payments ordered at the last meeting amounting to 5,098*l.* 8*s.*, leaving a balance of 87*l.* 18*s.* 7*d.* The other balances were: Benevolent Fund (current account), 395*l.* 2*s.* 6*d.*; Benevolent Fund (donation account), 670*l.* 4*s.* 3*d.*; War Auxiliary Benevolent Fund, 979*l.* 4*s.* 3*d.*; Orphan Fund, 281*l.* 14*s.* 1*d.* The report recommended that accounts amounting to 5,093*l.* 14*s.* 9*d.* should be paid, and that the action of the secretary in making payments on account of current expenses amounting to 683*l.* 10*s.* be approved.

The TREASURER, in moving the adoption of the report, said that the Council would notice that the balance under the General Fund was 87*l.* 18*s.* 7*d.*, while the accounts recommended for payment amounted to 5,093*l.* He thought the present was the time when they should very seriously take into consideration the unsatisfactory state of the Society's finances. They found from the figures that instead of saving this year, when they were supposed to be in a very good position in regard to money coming in, that they were not only spending all that came in but were also spending every penny they had in hand. This might seriously affect the finances of the Society in the future. The present condition of affairs called for special attention in view of the fact that the increase of membership subscription and the setting up of the new body might seriously influence the number of members who would join next year. That being so, he thought the Council ought really to know that in the opinion of the Finance Committee it was high time that they should take really serious notice of the enormously increasing bill that was presented to them every month. He therefore proposed that before the January meeting, if it were possible, they should have an analysis made of the estimated expenditure for 1921. His proposal was that each of the Committees should give an estimate of their expenditure apportioned as to rent, taxes, salaries, and so forth; and also that an estimate be made of their probable income. It would then be their duty to see that the estimated expenditure under each heading would not exceed the amount specified and would be within income. The work of estimating probable income should be fairly easy. Mr. Bilson asked the secretary if the suggested estimates could be submitted before the January meeting.

The SECRETARY replied that, of course, the office could give the Council particulars of what income and expenditure under the specified headings had been during the past year, apart from any change in policy. Assuming that the Council were going through exactly the same work next year as they had done this year, the office could give such estimates as those suggested; but, of course, any estimate would depend upon what policy the various committees cared to adopt for next year, and that policy the office could not determine. There was the question, for example, of the policy with regard to the "Journal." Without knowing what policy it was to be, it was impossible to give any accurate estimate. The same remark would apply perhaps to the school.

The TREASURER said that what he really desired to emphasise and enforce was that the Council should be given correct knowledge of what the Society's financial position is. (Hear, hear.) Unless they seriously considered the situation, he was quite sure that before next year they would be in an awkward position. So long as the Society to which they were very much attached was in a strong financial position, so long would it be an influence for good. But so soon as it became a poor body, without any money to evolve its schemes, then would be the time when they would see it going downhill and becoming a defunct body altogether.

Mr. LLOYD expressed his concurrence with all the Treasurer had said, and went on to say that ever since he became a member of the Finance Committee the easy way in which money was apparently spent without any real control by the Finance Committee had been a matter of very serious concern to him. It seemed to him that that Committee had no real control over expenditure by the various committees. If it should happen that the estimated expenditure of a committee was in excess of its probable income, it should be asked to cut it down.

Mr. ROWSELL expressed the view that the treasurer had taken the right course in raising the question at that meeting. In view of what might be the altered position of the Society consequent upon certain adjustments, he thought the time had come when they should go most seriously into the question. Perhaps a Committee consisting of the chairmen of the various committees might go through the whole thing, if necessary, sitting for two or three days, so as to have the whole question of the finances thoroughly thrashed out. They were going to have a very altered position. The matter of the "Journal" was one which was bound to have very careful consideration at present.

Mr. MELHUISH said that, as one who had taken a very keen interest in the financial position and had brought it up from time to time at that table and also outside, he sincerely welcomed the statement the treasurer had made. While agreeing with what the secretary had said with regard to the office furnishing the necessary information, he quite realised—and in saying so he had not the slightest intention of giving any offence—that it was not to be thought or expected that the officials would welcome procedure such as had been suggested, because it would, in a sense, automatically cramp them. What he felt with regard to the difficulties in which the treasurer was placed was that there could be no definite result from the proposal submitted unless they set up some body that would go into the whole financial position of the Society. It was probable that in the course of the next two years they would be shedding some part of their responsibilities; but he had been through the various items, and he did not know any particular direction in which the office could effect any great economy. He moved: "That it be an instruction to the present Finance Committee, failing the appointment of a special committee, to report upon the whole financial position, and that the report be laid on the table."

Mr. DEAKIN, in seconding, said that in discussing the topic introduced by the Treasurer there was no need for panic. (Hear, hear.) The question was only one of adjustment; of cutting their cloth according to their measure. (Laughter.) A thorough, exhaustive inquiry into income and expenditure, with a report in due course, would be attended by everything that was good, and would not do the slightest harm. He hoped the pharmacists of the country would be re-assured that at present not only was the Society solvent but it was doing well.

Mr. SKINNER said that he was chairman of a Committee which was responsible for the biggest measure of spending in connection with the Society. He was, therefore, particularly interested in the suggestion that he should begin to try to estimate the income and expenditure in connection with the "Journal," but he submitted there were immense difficulties in his way.

The remainder of Mr. Skinner's speech was given "in committee."

Mr. GUTHRIE said that if the treasurer's motion was not seconded he was prepared to second it. What was in the mind of Mr. Melhuish in submitting his amendment would quite properly come before the Finance Committee six months or a year hence, but he thought that in the meantime the Council must go on the lines which the treasurer proposed.

Mr. HINES remarked that, ever since he had been on the Finance Committee, they had discussed the finances of the Society. They had repeatedly investigated various items, but had always come up against a dead wall when they asked for a budget.

Mr. CAMPKIN said that the subject had been before them ever since he had been a member of the Finance Committee. The Society had been in existence for some eighty years, and they had been ever "going to go," but had never gone. The stone or the brick wall which had always faced them on every occasion when the Finance Committee made an effort to investigate was that they had been told by those high in authority that the Finance Committee was practically an auditing Committee. Having referred to the system of estimating income expenditure in vogue in connection with various local governing bodies, Mr. Campkin added that the Council had come to the parting of the ways. It was necessary that they should do something more directly dealing with the question than they had previously succeeded in doing. Possibly the suggestion made by Mr. Melhuish might come into operation in a few months' time, but in the meantime what was wanted was a tabulated statement which could be prepared in the office of the whole of the receipts and expenditure in connection with the different Committees. Then it would be up to the Finance or Special Committee to deal with it and make recommendations to the Council. One thing mentioned in the course of the discussion was in connection with the publication department. He admitted that they had to consider it in its various lights, but there was a danger, in discussing it, of forgetting that there was a credit account in regard to publicity. There was an ethical consideration which they were apt to lose sight of in dealing with the purely financial details of that account. One of the points was what he might describe as the *ad valorem* side of the account for publication. They could not estimate their income and expenditure for the next two or three months until, at least, matters arising out of the forthcoming Conference settled down, and when they had decided on setting up a separate body to deal with questions they had been dealing with prior to the decision in the test case. The Finance Committee had no power to control expenditure, but it could make recommendations, perhaps unanimous, which the Council would be willing to listen to and probably decide to act upon.

Mr. MELHUISH stated that he had not the slightest idea of opposing anything the treasurer had proposed, and appealed to him to accept the proposition he had submitted as the logical conclusion of the investigation the Finance Committee was going to make.

Mr. LLOYD said the Finance Committee was in no panic. Why he opposed Mr. Melhuish's proposal was because it simply meant once again reviewing the past, instead of looking to the future. Personally, he could not remain a member of the Finance Committee unless he had some control over the state of the Society's finances.

The TREASURER said that he could not see any special advantage in Mr. Melhuish's amendment. If they received an estimate of income and expenditure under the different headings he had mentioned he was confident it would open their eyes. He therefore pressed for the adoption of his motion.

Mr. KEITH suggested that the Council should "budget." A member should only be allowed to speak once on a subject. "Getting half-a-dozen speeches from one man," added Mr. Keith, "is more than we can stand." (Laughter.)

Mr. MELHUISH said that, despite Mr. Keith's objection, he had to point out that the main object of his proposal was to deal with the future. He objected to his proposal being distorted as Mr. Lloyd had attempted to distort it.

After further discussion Mr. Melhuish agreed to withdraw his amendment.

The PRESIDENT assured the treasurer that the whole Council was behind him in his movement, and would help him in every way. He suggested that the treasurer should withdraw his proposition, giving an undertaking to the Council that he would "call for these estimates and get on with the work."

The TREASURER then withdrew his motion, and the report was adopted.

LOCAL ASSOCIATIONS EXECUTIVE COMMITTEE.

There was a report by this Committee, but it was referred for discussion by the Council sitting in private.

BENEVOLENT FUND.

The report of the Benevolent Fund Committee, presented by Miss Buchanan, the chairman, made recommendations for the payment of several grants. It was adopted. The secretary read a special report adopted at a meeting of the Committee held on the previous day. It stated that a circular had been issued to the Federations suggesting that efforts should be made to increase the resources of the Fund. Among these were (1) that lady chemists, and the wives and daughters of chemists, be asked to co-operate and interest themselves in the scheme; (2) the organising of lectures, concerts, etc.; and (3) any other methods. It was further suggested that a stall at the Chemists' Exhibition should be obtained for the sale of articles made and collected. The Committee recommended: "That the chairman of the Fund be asked to take such steps as she may think advisable to form an organisation of ladies interested in the Benevolent Fund, with the view of increasing the resources of the Fund."

The report was adopted.

WAR AUXILIARY BENEVOLENT FUND COMMITTEE.

The report submitted by this Committee recommended the payment of two grants in response to applications.

The report was adopted.

LIBRARY COMMITTEE.

No report by this Committee was submitted during the open sitting of the Council.

MONEY FOR TRADE-UNION ACTIVITIES.

Mr. SKINNER, in terms of previous notice, had the following motion on the agenda:

(1) That all moneys received or paid out on behalf of trade-union activities since the date of the injunction shall be placed in a separate account pending a settlement.

(2) That details of all expenditure under the above head shall be furnished to each member of Council, together with the authority authorising such expenditure.

Mr. Skinner said that in bringing forward the question involved in the motion he desired to make it perfectly clear that his sole purpose was to help them in making a strong, effective organisation. At the same time, as one of those who was entirely outside the scope of the whole deal, he wanted to see that everything was done in its proper order, and that they were not using for the trade-union activities moneys of the Society which were intended for the general good. Under the circumstances, it appeared to him that they should make a "clean cut." There had been a certain hesitation in declaring that no trade organisation, no trade union work, or anything of that kind had been or was being done at the present time. But he noticed that the President had himself, that morning, said that the Conference the following week was a

movement to promote a particular object which was well defined in the President's own mind. He also noticed that Mr. Deakin, who was chairman of the L.A.E., spoke about the setting up of a trade organisation. Therefore it was perfectly clear what the object of the meeting the following week was going to be. With the President's permission and that of the Council he proposed to substitute the following for the two proposals which appeared on the agenda under his name :

"That any expenditure incurred by the Local Associations Executive in connection with the proposed Pharmaceutical Union since the date when the injunction was made operative shall be placed in a separate account pending settlement."

It appeared to him that in face of facts the resolution should carry the acquiescence of the Council. He did not wish to see the Council criticised in any shape or form for spending money on any object other than that for which it was strictly intended.

It was resolved that the necessary permission be granted Mr. Skinner to substitute his motion for the one appearing in the agenda.

Mr. HINES formally seconded.

Mr. PARRY, rising to a point of order, described the resolution as irregular and out of order in so far as it assumed that the Council had been doing, was doing, or proposed to do something which came within the injunction granted by the Court.

The PRESIDENT, differing from Mr. Parry, said that the resolution assumed that if anything was done in the direction indicated, the expenditure in connection with it should be placed separately.

Mr. WOLFF said he took it that what Mr. Skinner meant was that all the funds spent by the L.A.E. were the property of the Society; that in spending money to bring the trade union into being they were spending the Society's money—a thing which the Society could not do under the injunction. Personally, he did not see why they were not entitled to spend, and if they were spending they would get it back.

Mr. GUTHRIE said there were elements of doubt as to what would be the legal position of the Society in spending money for the trade-union movement. He supported Mr. Skinner's proposition.

Mr. DEAKIN asked the Council to vote against the resolution as being absolutely unnecessary. He was there to say that whatever funds had been spent in regard to the work had been spent by the L.A.E., and that all costs of the propaganda would be met out of the funds of the same body.

Mr. WOLFF asked whether it would be possible for any member of the Society, with any hope of success, to bring an action to have the Society restrained from spending any money for the purpose mentioned. When they talked about the funds of the L.A.E. they knew that they were talking about the funds of the Society.

The Council again resolved itself into Committee.

Mr. SKINNER, replying to the discussion, said there was not the slightest doubt that the funds of the L.A.E. and the Society were kept separate.

On a show of hands the resolution was defeated. Thereupon the Vice-President proposed, and Mr. Hines seconded, that the names be taken. The following was the result :

For Mr. Skinner's resolution: Messrs. Campkin, Guthrie, Hines, Keith, Skinner, and Wolff—6.

Against: Miss Buchanan, Messrs. Bilson, Currie, Deakin, Gifford, Hagon, Keall, Lloyd, Melhuish, Neathercoat, Parry, Rowsell, Sargeant, and White—14.

This was all the public business. The following official report of the subsequent private sitting has been supplied :

PROPRIETARY MEDICINES BILL.

The President reported upon the result of the negotiations with the Department, and stated that the Minister had seen him and Mr. Mallinson on behalf of the Society, and Messrs. Keall, Rowsell, and Johnston on behalf of the Chemists' Defence Association, and had so met the points raised by both bodies that they had agreed with the Minister to regard the Bill as one which could be supported by their respective bodies.

North British Branch.

A MEETING of the Executive of the North British Branch was held at 36 York Place, Edinburgh, on November 24, Mr. James Jack in the chair. There were present Messrs. Arthur, A. Currie, Fisher, Gilmour, Glass, Guthrie, Jack, Kitchin, McEwan, McLaren, McMillan, McNab, McVitae, Meldrum, and Murray.

THE TEST CASE.

The chairman said things had moved rapidly since the last Executive meeting, at which they learned the result of the test case and remitted to the General Purposes Committee to confer with the Council on any matters connected therewith. He had been summoned by telegram to a meeting in London of a Joint Committee of the Council and the Local Associations Executive convened by the Council. At that meeting he had made it clear that while attending, as requested, as chairman of the Executive of the North British Branch he was not in a position to enter into any binding agreement on behalf of his colleagues. He undertook to report to his colleagues what transpired, and hence the communication which he had instructed the resident secretary to send to them. The position was still further developed, and appeared to be of such importance to the trade generally that he felt it necessary to call them together to consider the situation in so far as it affected the members and work of the Society in Scotland. Notes had been prepared and issued to members of the Executive indicating succinctly the historical position of the Society from 1841 onwards in regard to its work with reference both to general trade interests and educational and professional matters. Any arrangements made by the Council of the Society applicable to England must necessarily affect the members of the Society in Scotland as well, and it was desirable that all interests should be considered in any action pursuant to the decision.

The Executive approved of the action taken by the chairman, and proceeded to consider very fully the situation which had arisen. After discussion the resolution printed on p. 83 was unanimously adopted.

It was agreed that this resolution should be forwarded to the secretary to be submitted to the Joint Committee on November 25, and also to the Council.

Hydrastine Test.—Wattiez (Journ. Pharm. Belg., October 3, 1920) states that the use of silicotungstic acid for the estimation of hydrastine yields more accurate results than those obtainable by the other tests at present in use. He describes the following method : 7.5 grams of powdered hydrastis, dried at 50°, are introduced into a flask with a capacity of 250 c.c., provided with a reflux condenser, 150 grams of alcohol (70 per cent.) are added, and the mixture heated on the water-bath for three hours. Sufficient alcohol is added to produce the original weight, the whole is well shaken, allowed to cool, and filtered. 120 grams of filtrate = 6 grams of drug, are collected and evaporated to the consistence of a syrup. Sufficient sulphuric acid (25 per cent.) is added to produce 15 grams and the mixture set aside for one hour, whereupon berberine sulphate crystallises out of the mixture. 1 gram of talc is added, and the acid solution filtered into an Erlenmeyer flask of 125 c.c. capacity. 10 grams of filtrate are rendered alkaline by the addition of solution of ammonia, the mixture allowed to cool, and 40 grams of ether added, the whole is frequently shaken during the following thirty minutes, then allowed to stand. 35 grams of the ethereal solution = 3.5 grams of drug, are transferred to a separator, washed first with water, then with hydrochloric acid (1 per cent.) until the aqueous solution no longer reacts to Meyer's reagent. The acid aqueous solutions are now collected and filtered, the filter washed with a few c.c. of water, and then heated on a water-bath to remove the ether. After cooling, the hydrastine is precipitated by the addition of 15 c.c. of 5 per cent. silicotungstic acid, and the mixture heated to boiling. It is then set aside for twenty-four hours, filtered and washed until all trace of acidity has disappeared, and calcined to constant weight.

Associations' Winter Session.

Aberdeen.—On November 25 Dr. J. Stanley White gave his lantern lecture on *The Nature and Uses of Biological Products* to the Aberdeen Pharmacists' Association. Mr. W. F. Hay, chemist, occupied the chair.

Assistants' Unions.—The monthly meeting of the Liverpool Pharmacists' Section of the National Transport and General Workers' Union was held on November 23. Mr. John Gilmour, the organising secretary, gave an address, and was optimistic as to the future of pharmacists and their assistants. It was agreed to extend propaganda work to London. The chairman gave an address on *Jenkin v. The Pharmaceutical Society.* The next meeting will be held in January.

Cardiff. — A general meeting of the Cardiff Pharmacists' Association was held on November 24, the President (Mr. Owen Jenkins) occupying the chair. A letter was read from the Pharmaceutical Society relating to the recent Test Case, and outlining the scheme for the formation of a "Pharmaceutical Trade Union." An interesting discussion followed. It was resolved to defer the matter until the next meeting. It was proposed that whist-drives be held to augment the funds of the Pharmaceutical Society's Benevolent Fund.

Dublin.—The Dublin and Provincial Retail Drug Association held a committee-meeting on November 24, Mr. A. Owen Wells (President) in the chair. The following were also present: Messrs. R. White, D. M. Watson, Robt. Mellon, G. A. McLean Lee, W. F. Ellis, J. W. Walsh, Victor E. Hanna, and Robt. J. Kidney (secretary). Votes of sympathy were directed to be conveyed to the widow and family of the late Mr. R. J. Savage, a member of the committee, and also to Dr. J. A. Walsh on the death of his mother. Correspondence was received and dealt with from the following: Messrs. Virol, Ltd., A. McIntyre & Co., the Editor of THE CHEMIST AND DRUGGIST, and the Ulster Drug Trade Association. Owing to the extension of curfew hours to 10 P.M., the committee decided to postpone the lecture by Dr. J. Stanley White.

Glasgow.—The postponed annual meeting of the Glasgow and West of Scotland Chemists' Association was held at 165 Hill Street, Glasgow, on November 25. Mr. John Murchie (President) occupied the chair. The business of the meeting was to receive the secretary's and the treasurer's reports and discuss and decide upon (1) a motion "That the Association be dissolved, as recommended by the Joint Committee of the Association and the Pharmacy Athletic Club"; (2) "That the substance of the report of the Joint Committee be adopted by the meeting." Both resolutions were adopted, and a committee was appointed to wind up the affairs of the Association preparatory to both bodies amalgamating under the name of the "Glasgow Pharmacy Club." The report included a draft constitution for the new body, which was agreed to, subject to amendment by the reconstituted body. The literary and scientific section of the new body will be attended to by a committee in the same way as the various sports sections are at present attended to by the Athletic Club. The strictly business matters are now entirely in the hands of the local branch of the Scottish Pharmaceutical Federation. A vote of thanks was passed to Mr. Murchie for his presidency during the past three years.

Harrogate.—The first meeting of the Harrogate Pharmaceutical Association was held recently, at which the President (Mr. H. F. Illingworth) delivered his presidential address. He prefaced his remarks by a reference to the death of a past-President, Mr. H. G. Mitchell. The recent municipal elections were mentioned, and the success of two of the members of the Association in their respective wards evoked cheers. Councillor Wood and Councillor Lambert Foster, together with Councillor A. Mortimer, made a trio of chemist members. He afterwards dealt fully with the Test Case, the Proprietary Medicines Bill, and other matters of vital interest. Councillor A. W. Wood then spoke, thanking the President and members for their congratulations and for the assistance rendered during the election. Councillor A. Mortimer dealt with the test case and the recent poisoning case that had been before the Court, emphasising the fact that prescribing and dispensing should be in the hands of different people in the interests of the public as well as of the medical profession. Councillor A. L. Foster then described pharmacy as he had found it in America on his recent trip. Among the new members elected was the first lady member, Miss Elsworth.

Isle of Thanet.—The Isle of Thanet Chemists' Association held their first meeting on November 23, at Margate, when the President, Mr. J. Hewlett, and the hon. secretary, Mr. Harkness, tendered their resignations. A vote of thanks was accorded to them for valuable services rendered. Mr. E. Baily, of Ramsgate, was then elected *President*, and Mr. H. Weston *Hon. Secretary*, who hope materially to increase the membership and hold monthly meetings for the discussion of topical matters.

Leicester.—The Leicester and Leicestershire Pharmaceutical Association held a meeting on November 24, the President (Mr. W. J. Lewis) presiding, at which Mr. A. E. Young gave an address on *The Proprietary Medicines Bill.* The modifications were explained regarding the clause on dangerous drugs, this clause operating in favour of the pharmacist. Mr. Young then passed on to the Test Case and its sequel. A discussion followed.

Liverpool.—The Liverpool Chemists' Association met on November 24 to hear Mr. R. Cecil Owen, B.Sc., Chester, on *What is Pharmacy Coming to?* The High Court Test Case and the need of a commercial organisation were also considered. Mr. Owen, having recited the effect of the judgment, expressed himself optimistic as to the future of pharmacy. The public had been brought to recognise that pharmacists, not being ordinary retailers, had special privileges by right, despite the attractions of the huge store or the multiple-shop system. In future the store would make fewer and fewer medicines. The pharmacist who wanted to remain his own master should further popularise the pharmacy which looked as little like a store as may be. The whole value of pharmacy, both to the public and pharmacists, was vested in the special features which separated it from all other sorts of businesses. Hence, referring to the increasing of the political influence of the profession, he said the simplest way would be to found an organisation for that express object, as had already been done in other businesses. Pharmacists ought to secure better remuneration for their services under the Health Insurance Act. Mr. Harold Barton, President of the Southport Association, and Mr. West (Southport) inaugurated the discussion. Mr. Barton pointed out that Parliamentary influence, so far as pharmacists were concerned, had always been lacking because there had not been unity. Mr. J. L. Hirst did not think any lengthy period would elapse before all dispensing was transferred to pharmacists. With regard to the test case, he noticed that a section of the pharmaceutical Press was canvassing opinions as to whether an entirely new body should be formed. In a transition period he thought it would be a pity to throw over their leaders. The Chemists' Defence Association and the Proprietary Articles Trade Association ought to amalgamate. Mr. W. H. Clubb proposed a vote of thanks to Mr. Owen. He could not quite see why THE CHEMIST AND DRUGGIST should attempt to spread dissension at the present time, and hoped it would receive a rebuff. Mr. Rider (Waterloo) seconded, and the motion was adopted. Dr. Symes referred to the now almost forgotten trade association of which he saw the birth. If a similar body was formed they should properly support it. They wanted the public to realise that the time of the pharmacist was of value. The Insurance Act recognised it, but appraised it at a very poor monetary value. Messrs. T. S. Wokes, A. W. Ashcroft, P. Jones, and Reginald Kemp followed. Mr. Hirst moved: "That this meeting strongly supports the proposed scheme of amalgamation of the L.A.E. and the C.D.A." Mr. Ashcroft seconded, and the resolution was carried unanimously.

London (W.).—A meeting of the Western Pharmacists' Association was held at Pinoli's Restaurant, Wardour

Street, W., on November 25, the President (Mr. H. S. Watson) in the chair. Several new members were elected, and it was announced that The Clayton Aniline Co., Ltd., had satisfactorily closed an incident referred to at a previous meeting (*C. & D.*, October 16, p. 65). Mr. E. White, past-President of the Pharmaceutical Society, addressed the meeting on *The Test Case Result and What It Means*, and Mr. G. A. Mallinson, assistant-secretary of the Society, followed with an exposition of the present position regarding *The Proprietary Medicines Bill* and *The Proposed Insurance Terms*. Mr. Mallinson's survey led him to the view that the trade would be in a better position, in respect of both these subjects, than at one time seemed probable. The discussion on both addresses was contributed to by the President, Mr. J. P. Ellerington (who raised the question of delimitation of function between the Pharmaceutical Society and the proposed new body), Mr. I. T. Lloyd, Mr. Alfred Higgs (Kingston-on-Thames), Mr. W. E. D. Shirtliff, Mr. C. H. Hampshire, Mr. J. T. Barrett, and others. A resolution of approval of the scheme put forward on behalf of the Pharmaceutical Society was carried, and a vote of thanks closed the proceedings.

Public Pharmacists.—A meeting of the Public Pharmacists' Association was held on November 24, Mr. J. L. P. Hollingworth in the chair, at which an address on *The Test Case* was given by Mr. Arthur H. Jenkin. After explaining what had led up to the case, the speaker indicated the sweeping effect of the judgment. The Local Associations Executive will probably carry on as a temporary committee until a "Pharmaceutical Union" is formed to take up trade matters. The effect on public pharmacists was then dealt with—they were not "protected" under the Pharmaceutical Society's Charter, but Mr. Jenkin thought that more time could now be devoted by the Pharmaceutical Council to raising their status and preventing illegal practice of medicine from the pharmaceutical standpoint.

Stoke-on-Trent.—The annual meeting of the North Staffs Chemists' Association was held on November 25, Mr. E. M. Mellor (Uttoxeter), President, in the chair. The President gave a short account of his efforts for the recognition of local classes by the Pharmaceutical Society for Part I. of the Qualifying examination. The Society had recognised the classes in chemistry and physics, and he was hopeful that satisfactory arrangements would be made with regard to the botany classes. He had also discussed with the education authorities whether they could arrange an afternoon class, and after some discussion Tuesday afternoon was approved. The treasurer (Mr. Challinor, Fenton) said they were again faced with a deficit, and it was decided to increase the subscription from 5*s*. to 10*s*. Mr. Challinor, reporting for the Pharmaceutical Committee, said they had succeeded in persuading the Panel Committee to agree to a reduction in the hours of service to 7.30, with a rota service to 8 P.M., Sundays and Thursdays 7 to 8 P.M. Mr. Dale had found the work of the checking bureau satisfactory. The following officers were then elected: *President*, Mr. T. Bentley (Stoke); *Vice-Presidents*, Mr. Bloor (Longton) and Mr. Kemp (Fenton); *Secretary*, Mr. E. Corner (Hanley), assisted by Mr. Shaw (Hanley); *Treasurer*, Mr. Challinor (Fenton). On Mr. Bentley taking the chair, it was decided to ask for support to the Harrison Memorial Fund. Mr. Mellor spoke in favour of an amalgamation of the Local Associations Executive and the Chemists' Defence Association. It was also decided to hold a dinner early in the New Year, and also, if possible, a whist-drive.

Thames Valley.—A special meeting of the Thames Valley Pharmacists' Association was held on November 24 to consider the position in pharmacy since the result of the Test Case was known. The President, Mr. F. J. Plomley (Kingston-on-Thames), occupied the chair. The suggested terms for National Health Insurance services were accepted. Mr. John Keall addressed the meeting on *Pharmaceutical Politics*. As a result of the Test Case the whole position in pharmacy was in the melting-pot, and they had to form an independent organisation that would guard their interests defensively, and, if necessary, aggressively. At the meeting called by Sir William Glyn-Jones all shades of opinion were invited to be present. The Chemists' Defence Association, with whom it was proposed to join, had resources, and took a keen interest in pharmacy generally; they had met the Council of the Pharmaceutical Society and the Local Associations Executive, and had come to a *modus vivendi*, a committee of the three bodies had been set up to deal with the proposed new organisation. A scheme such as they had read in the trade papers was being considered, and a conference would be held at an early date to ratify. Criticism they welcomed, both instructive and constructive, but destructive criticism without an alternative one is not in the interests of pharmacy; he denied that the scheme was cut and dried or a hole-and-corner policy. Their new organisation must be strong enough to deal with the tyranny of the medical men; the Dangerous Drugs Act is a form of medical tyranny to harass the craft; the Proprietary Medicines Bill is another form of tyranny. They had also to be prepared for any form of Government control of the trade and the various proposals of the Ministry of Health that were introduced from time to time; another vital point were the negotiations regarding National Health Insurance services. The proposals they had before them included a subscription to the Chemists' Defence Association and the Proprietary Articles Trade Association. They must have numbers to be able to go to manufacturers and others with whom they came in contact with union support, the Proprietary Articles Trade Association could then show a strong front. Mr. C. E. A. Goode (Twickenham) said they had a definite scheme before them, and it looked workable; some quarters had spread it abroad that no good could come out of Bloomsbury Square, but that was destructive criticism without an alternative. He eulogised the good work that had been done by the Local Associations Executive in the past. He would support the scheme put before them. Mr. P. N. Turner (East Sheen) asked the position of the assistant pharmacist under the scheme? Mr. Keall, in reply, said that the organisation must be for master pharmacists only, but directors of companies would be eligible for membership; assistants were looked after by other bodies. Mr. A. Higgs, J.P. (Kingston-on-Thames), inquired as to what would happen to the funds of the Chemists' Defence Association? Mr. Keall said they would be secured for the defence of pharmacists; the matter was under the consideration of the directors. The following resolution was afterwards passed: "That the Thames Valley Pharmacists' Association support the action of the Local Associations Executive Committee in forming itself into a trade organisation entirely independent of the Pharmaceutical Society, as outlined by the Inquiry Committee."

Wolverhampton.—A meeting of the Wolverhampton Chemists' Association was held on November 17, at which nearly all the chemists in Wolverhampton were present. Mr. C. M. Warner (President) was in the chair, and Mr. H. O. Lloyd, Pharmaceutical Councillor, gave an address on *The Test Case and its Effect on Pharmacy*. Mr. Lloyd invited questions, and afterwards it was resolved that the employers present agreed with the scheme.

South Wales and Monmouthshire Federation.—A meeting of the South Wales and Monmouthshire Federation was held at the Wellington Hotel, Brecon, recently, the President (Mr. H. M. Lloyd, Merthyr Tydfil) in the chair. The members were welcomed by the deputy-Mayor of Brecon. The President proposed that all the affiliated associations should be asked to increase the amount of their annual subscriptions. After discussion, it was resolved that the raising of the subscription be postponed. Arising from a discussion on the Greenwood case, the following resolution was passed: "That this Federation is of the opinion that medical practitioners should only write the prescriptions, and that the prescriptions should not be dispensed by anyone engaged in the medical profession, but by pharmacists only." Tea was provided by the Breconshire Pharmaceutical Association. The next meeting of the Federation will take place at Aberdare on January 20, 1921.

Trade Report.

42 Cannon Street, E.C. 4, Dec. 2.

The markets continue quite inactive, and the tendency of prices is weaker in practically all directions. Merchants at the moment are more exercised in their minds as to effecting insurances against riots and civil commotion, the rates for which have more than doubled in some instances. The voluntary liquidation of an old-established City private limited liability company, announced this week (but not connected with the drug-trade), has been the subject of comment in Mincing Lane, and may be regarded as a sign of the times. The chief changes in this section include a decline of 1*s.* per lb. in English refined camphor. Cod-liver oil is lower, chiefly on account of the exchange, and the outlook is unsettled in view of the financial situation in Norway. Castor oil has been reduced 5*l.* per ton. Mercury is a trifle easier. Shellac for delivery showed a slump of 110*s.* at one period of the week, but subsequently partially recovered. Balsam Peru is cheaper at the source, and ergot is offered at lower rates. Cascara sagrada, senega, and hydrastis are nominally unchanged, the high price preventing imports of the latter drug. Quinine is a trifle firmer in second hands. Ginger, peppers, farina, cocoa-butter, linseed and nut oils have all eased. Canary and fenugreek seeds are lower and linseed is easier.

Easier		Lower	
Acetic acid	Mint oil (Jp.)	Alum	Hydroquinone
Albumen	Methyl sulphonal	Amidopyrin	Lead acetate
Aspirin	Naphthaline	Ammon. brom.	Litharge
Bleaching powder	Palmarosa oil	Arsenic	Menthol
Camphor (Jp. ref.)	Patchouli oil	Bay oil	Oxalic acid
Cassia oil	Pepper	Benzoic acid	Phenazone
Clove oil	Petitgrain oil	Calcium lactate	Red and white lead
Ergot	Piperazine	Camphor (Eng. ref.)	Resin
Farina (Jp.)	Soda bisulphite	Canary-seed	Salol
Heliotropin	Soda salicylate	Castor oil	Salt cake
Linseed	Sulphonal	Cloves (c.i.f.)	Shellac
Mercury	Thymol	Cocoa butter	Silver nitrate
	Vanillin	Cod-liver oil	Soda benzoate
		Copper sulph.	Soda bromide
		Fenugreek seed	Soda hyposulph.
		Formaldehyde	Soda sulphite
		Galls (China)	Sugar
		Ginger	Sulphonal
		Glucose	Tartaric acid
		Ground-nut oil	Vanilla
		Hexamine	Wormseed oil

Firmer	
Cocaine	Quinine (second hands)

Cablegram.

New York, December 1.—Business is fair. Mercurials are lower. Calomel has been reduced to $1.10 per lb. and corrosive sublimate to $1.00 per lb. Menthol has been reduced to $4.50 and hydrastis (golden seal) to $5.90. Jalap is lower at 48c. and copaiba to 45c. per lb. Mercury has been reduced to $54.00 and formaldehyde to 18c. Hexamine is lower at $1.42 and antipyrine is cheaper at $2.75. Taraxacum root is lower at 24c. per lb.

London Markets.

Antimony.—Chinese crude is still quite nominal at about 30*l.* per ton ex warehouse, there being practically no trade inquiry, while the position in the Far East has remained under the influence of continued keen competition for export on China and Japanese account. The demand here for regulus is also lifeless at recent quotations, with foreign quoted at 39*l.* per ton c.i.f.

Balsam Peru shows a considerable decline in the United States, and on the spot there are sellers at from 13*s.* to 15*s.* per lb.

Cadmium.—The demand is slow at about 6*s.* 3*d.* to 6*s.* 6*d.* per lb. The exports from Germany were recently prohibited, but exports are allowed from current output under certain price restrictions—namely, not less than 5 per cent. under the London quotation, and domestic consumers must not be charged in excess of the export price secured.

Camphor (Refined).—Japanese 2½-lb. slabs are quiet and rather easier with spot sales at from 5*s.* 3*d.* to 5*s.* per lb. The English refiners have reduced their prices 1*s.* per lb., quoting from 8*s.* down to 7*s.* 6*d.* per lb. for flowers, as to quantity.

Canary-seed is lower at 140*s.* per quarter for good Morocco.

Cascara Sagrada remains unchanged at from 98*s.* up to 102*s.* per cwt. on the spot as to quantity and age; 100*s.* will buy three-year-old bark.

Cassia Lignea is dull, with spot sellers of whole selected at 50*s.* per cwt. and broken at 40*s.*

Castor Oil is 5*l.* per ton lower, English pharmaceutical offering at 77*l.* per ton, first pressing at 72*l.*, and second pressing at 67*l.* per ton, packages included ex mill Hull.

Cinchona.—At auction at Amsterdam on December 15, 1,511 packages Java pharmaceutical bark will be offered, weighing about 106,927 kilos., the total quinine sulphate content being equivalent to 3,595 kilos.

Cloves are quiet, with fair to good Zanzibar offering at from 1*s.* 5*d.* to 1*s.* 6*d.* per lb. on the spot, according to quality and quantity. To arrive, December-January shipment 10*d.* c.i.f. is quoted. The London stock is 8,443 bales, against 11,049 bales in 1919.

Coca Leaves.—At the Amsterdam auction to be held on December 15, 4,914 packages Java, weighing about 256,975 kilos., will be offered, the total alkaloidal content being 3,479 kilos.

Cod-liver Oil.—Offers of one of the leading brands of Norwegian medicinal oil for prompt shipment at 205*s.* per barrel c.i.f. show the trend of this market, chiefly due to the depreciation in the rate of exchange. In view of the financial stringency in Norway, the future outlook is uncertain.

Copaiba.—Finest filtered Maranham can be had at 3*s.* 6*d.* per lb. on the spot.

Dragon's Blood.—Twelve cases have arrived from Singapore per steamship *Teiresias*.

Egg Products are dull. Chinese prime hen-yolk is offered at from 60*s.* per cwt. for old, 95*s.* for new, and for December-February shipment 80*s.* c.i.f. is quoted. Dried yolk is 7*d.* per lb. on the spot, sprayed whole egg 1*s.* 3*d.*, and native dried whole 8*d.* per lb. spot. Prime Chinese hen *albumen* is 4*s.* 4*d.* per lb. on the spot, and December-February shipment is 4*s.* c.i.f.

Ergot.—Good clean sound Spanish is quoted at 9*s.* to 9*s.* 6*d.* per lb. c.i.f. London for prompt shipment from Barcelona, and on the spot 10*s.* 6*d.* to 11*s.* 6*d.* is quoted. The financial troubles in Barcelona may force firms to realise stocks.

Farina is quiet and easier, with small sales of No. 1 Japanese at 27*s.* per cwt. on the spot, and January-March shipment at 24*s.* c.i.f. Sweet on the spot is 26*s.* per cwt.

Fenugreek-seed is lower at 11*s.* to 11*s.* 6*d.* per cwt. for fair Morocco, according to quantity.

Galls.—Chinese are lower, with sellers at 100*s.* per cwt. c.i.f.

Ginger is cheaper, wormy Cochin offering at from 45*s.* to 50*s.* per cwt. and Calicut at from 47*s.* 6*d.* to 60*s.*, new A 160*s.*, B 140*s.*, C 117*s.* 6*d.* Bengal is 40*s.*, African 50*s.*, and Japanese 47*s.* 6*d.* per cwt.

Glucose is lower, American water-white offering at 45*s.* per cwt., duty paid, landed terms.

Ground-nut Oil has declined considerably of late, Oriental in cases offering afloat at 64*l.* and in barrels at 68*l.* per ton c.i.f.

Heliotropine can be bought at below 20*s.* per lb.

Honey is slow, with pale liquid Jamaica offering at from 80*s.* to 85*s.* per cwt., and dark to amber liquid 55*s.* to 65*s.* Australian is 60*s.* to 65*s.* per cwt.

Hydrastis remains extremely scarce on the spot, and the prohibitive prices asked in the United States deter importers from bringing forward new supplies. Spot value is nominal at 38*s.* 6*d.* per lb.

Linseed is easier at about 30*s.* per cwt. for good quality.

Linseed Oil.—There is not much life in the trade demand, although the market, which fell very low last week, has rallied from the worst, chiefly due to some speculative repurchases. Confidence has been badly shaken, but the fact remains that the aspect of the market in seed is weak partly on the constant fall in the cost of freight.

Adverse financial influences, including the renewed big slump in bar silver, have affected the attitude of Indian shippers a good deal lately. Crushers on their side are faced by very liberal supplies of seed, and the American market in the by-product has been very weak also. Spot closes at 48*l.* per ton and Hull at 46*l.* 10*s.* naked.

MENTHOL is quiet and easier, Kobayashi-Suzuki offering at 27*s.* 6*d.* per lb., and case lots at 28*s.* To arrive, December-February shipment is quoted at 16*s.* 7½*d.* per lb. c.i.f.

MERCURY is very quiet, and quotations are easier at 15*l.* per bottle. A moderate quantity came in from the Continent, but supplies seem quite light, and the leading interests seem disposed to wait for developments in the demand. The American market is reported very dull, consumers being utterly indifferent in spite of the lower price quoted of about $54.00 per flask. The Almaden mines recently fixed the domestic price for November at 373 pesetas per bottle ex works or 375 pesetas f.o.r.

OLIVE OIL maintains its price, finest French edible offering at from 22*s.* 6*d.* to 25*s.* per gallon in barrels and cases. Finest Spanish is 21*s.* 3*d.* B.P. oils can be had at from 19*s.* 6*d.* per gallon upwards.

PEPPER is quiet, fair black Singapore selling on the spot at 4¾*d.* to 4½*d.* per lb.; November-January shipment has been sold at 4⅞*d.* to 4¾*d.* c.i.f. and January-March at 5*d.* to 4⅞*d.* to 4¾*d.* c.i.f.; Lampong is 4⅞*d.*, Tellicherry is 6¼*d.*, and Aleppy 5½*d.* per lb., all spot. *White* pepper is easier, fair Muntok having been sold at 1*s.*; December-February shipment has been sold at 9⅝*d.* to 9½*d.* and January-March at 9½*d.* c.i.f. Singapore is 11*d.* spot, and the value of December-February shipment is 8¾*d.* per lb. c.i.f.

PIMENTO is quiet, with spot sellers at 3¾*d.* per lb.

RESIN has declined about 5*s.* per cwt., the price of American B being 44*s.* and WW 49*s.*, with intermediate grades at corresponding prices. French is 47*s.* for WW; extra pale is 48*s.* Spanish grades are quoted at from 43*s.* to 46*s.*

SENEGA is offered by importers at 6*s.* 9*d.* per lb. on the spot.

SHELLAC.—The spot price is about 50*s.* per cwt. lower for usual standard TN orange quality, which is quoted at 510*s.* Fine lemon is unchanged at 670*s.*, fine second orange is 620*s.* (about 30*s.* lower), pure button is 620*s.* (about 40*s.* lower), and AC cakey is unchanged at 485*s.* Futures are considerably lower on balance, compared with last week, sales including December at from 485*s.* down to 360*s.*, rising to 385*s.*, and March at from 410*s.* to 350*s.*, rising to 385*s.*

SUGAR.—The Royal Commission on the Sugar Supply has reduced prices by 16*s.* per cwt., and retail by 2*d.* per lb., the revised rates being as follows:

—	Grocery	
	Wholesale per cwt. Discount 1½% to direct buyers	Retail per lb.
Castor, icing, pulverised	86*s.* 0*d.*	10¾*d.*
Cubes, loaf sugar	84*s.* 0*d.*	10½*d.*
Granulated, crystals, crushed and chips, dry white sugar, white pieces, moist ...	80*s.* 0*d.*	10*d.*
W.I. grocery, crystallised, yellow crystals W.I. Muscovado (moist), other than white W.I. grocery syrups.	Price must not exceed that fixed for free sugar.	
Jellies, knots, and lumps, and other low grade sugar to be sold only to manufacturers.	Uncontrolled	

For licensed free sugar, maximum reasonable price is fixed at 80*s.* per cwt., less 1¼ per cent., duty paid, ex store, and 10*d.* per lb. retail. In view of the withdrawal of rationing, the official prices will remain in force only until further notice, and not necessarily for the whole of the four weekly periods beginning November 29. The prices of syrup and refined treacle are 55*s.* in half-puncheons and 77*s.* in 2-lb. tins.

TURPENTINE.—The feature has been the recent freer arrivals of American spirit, and the warehouse stocks have been enlarged to more normal proportions than has been the case for a long time past—namely, to about 30,000 barrels. Prices recovered at one time last week considerably, but since dropped very substantially to about 105*s.* per cwt., while forward contracts command a shilling or two premium. Demand is very slow, and speculative dealings are insignificant for the time being, so that the market is largely nominal. There is a very fair supply of Continental spirit available in home ports. Trade prospects, being poor, it is obvious that consumers are buying little, owing to the industrial unsettlement.

VANILLA.—At auction on Friday 115 tins offered, and practically all sold at easier prices. Of Seychelles 41 tins offered and sold, comprising firsts, 5 to 6½ in., 11*s.* to 11*s.* 3*d.*; 3 to 5 in., 8*s.* 6*d.* to 10*s.* 6*d.*; good seconds, 6 to 7½ in., 10*s.*; 4 to 5½ in., 9*s.*; various split, 8*s* 6*d.* per lb. Of West Indian 60 tins offered and sold, comprising loose firsts, 7 to 8½ in., 10*s.* to 11*s.*; 6 to 7½ in., 9*s.* 6*d.*; good seconds, 3½ to 7½ in., 8*s.* to 9*s.*; split firsts, 8*s.* 6*d.* to 9*s.*; brown, 7*s.* 6*d.* to 8*s.*; various, 7*s.* 6*d.* per lb.; 14 tins Tahiti were bought in.

WAX, BEES'.—Quiet, with a small business in good brown Zanzibar block down to 5*l.* 12*s.* 6*d.*, and good Mozambique at 5*l.* 15*s.* per cwt. Jamaica is 11*l.* 10*s.*, bleached Calcutta 12*l.* 10*s.*, and Morocco 5*l.* 15*s.* to 5*l.* 17*s.* 6*d.* per cwt.

Pharmaceutical Chemicals.

THE bulk of the prices in this group are nominal, and as the market is heavily stocked in almost all products and with small business passing, the general tone is weak. Many further declines in value are again registered, this being due to the very keen and cutting offers from the Continent. The spasmodic low offers made by anxious sellers appear to be a feature of this section, and coming at a time when there is very little genuine trade to be done, no useful purpose seems to be served; on the contrary, it tends to aggravate matters and adds to the lack of confidence. The following are all more or less cheaper: aspirin, benzoates, salicylic acid, amidopyrin, ammonium bromide, calcium lactate, hexamine, methyl sulphonal, phenazone, piperazine, potassium bromide, potassium permanganate, salol, sodium benzoate, sodium salicylate, and sulphonal. Santonin is in fair demand, and cocaine is firmer.

AMIDOPYRIN is irregular, and as low as 26*s.* has been accepted, but a fair average value is now about 27*s.* 6*d.* to 30*s.* per lb.

AMMON. BENZOATE is steady at about 7*s.* per lb.

ASPIRIN is easier, B.P. quality offering down to 4*s.* per lb.

BARBITONE is quiet at round about 20*s.* per lb., and slightly less for quantity.

BENZOATES.—Benzoic acid ex toluol has declined, offering at from 2*s.* 4*d.* to 2*s.* 6*d.* per lb. Sodium benzoate can be had at 2*s.* 6*d.* per lb.

BROMIDES.—What little demand there is is for the potassium salt, which maintains its previous price of from 1*s.* 2*d.* to 1*s.* 3*d.* per lb. Sodium bromide has declined to 1*s.* 2*d.*, and ammonium to 1*s.* 3*d.* per lb.

CAFFEINE is unchanged, with the pure crystals offering at 40*s.* per lb.

CALCIUM LACTATE is slightly easier at from 3*s.* 6*d.* to 3*s.* 9*d.* per lb. on the spot.

CITRIC ACID is in good supply, with but small demand, B.P. crystals offering at 3*s.* per lb.

COCAINE has a firmer tendency, agents quoting 17*s.* to 17*s.* 3*d.* per oz. for hydrochloride.

CREOSOTE CARBONATE is obtainable at from 20*s.* to 21*s.* per lb. as to seller.

HYDROQUINONE is lower on spot at from 7*s.* to 8*s.* per lb.

METHYL SALICYLATE is quoted at from 3*s.* 3*d.* to 3*s.* 6*d.* per lb., according to quantity, at which prices it is thought the market has bottomed. Now and again we hear of parcels offering of indifferent colour.

METHYL SULPHONAL is easier, importers offering at 27*s.* per lb.

PARAFORMALDEHYDE is obtainable at from 5*s.* 3*d.* to 5*s.* 9*d.* per lb.

PHENAZONE has shown a little export inquiry, and some very low prices have been accepted, but the average quota-

tion is now about 10*s.* per lb., which is slightly easier on the week. German makers' price is 13*s.* 6*d.* per lb.

Pilocarpine is steady, with nitrate offering at 34*s.* per oz.

Piperazine is easier at about 5*s.* 6*d.* per oz. for genuine pure crystals.

Quinine is a trifle firmer in second hands, as the cheaper lots have been absorbed. 3*s.* 10*d.* per oz. is now lowest for sulphate in limited quantities.

Resorcin is quiet and unchanged at about 12*s.* per lb.

Salicylates remain quiet, salicylic acid B.P. powder offering at 2*s.* upwards, and sodium salicylate powder at from 2*s.* 10*d.* to 3*s.* 1*d.*, crystals commanding 3*s.* 3*d.* per lb.

Salol is inclined to ease at about 4*s.* 6*d.* per lb.

Santonin.—The market is very firm, and the demand has considerably increased on account of the more reasonable prices now prevailing.

Silver Nitrate.—The prices for crystals on December 1, based on a metal price of 44⅝*d.* per oz., were as follows: In quantities of 25 oz., 2*s.* 9¼*d.* per oz.; 50 oz., 2*s.* 8¾*d.* per oz.; 100 oz., 2*s.* 8¼*d.* per oz.; 250 oz., 2*s.* 7¾*d.* per oz.; 500 oz., 2*s.* 7½*d.* per oz.

Sodium Diethylbarbituric is offered at about 30*s.* per lb.

Tannic Acid.—Levis, B.P., remains quiet at about 6*s.* 6*d.* per lb.

Terpin Hydrate is steady and quiet at about 6*s.* 9*d.* per lb.

Theobromine.—The pure alkaloid is quoted at 27*s.* 6*d.* per lb., and the sodium salicylate at from 17*s.* 6*d.* to 20*s.*

Thymol can be had at slightly under 40*s.*, from which prices up to 42*s.* are quoted.

Vanillin is a trifle easier at about 59*s.* per lb, and to arrive from Germany less will buy.

Heavy Chemicals.

London, December 1.

There is nothing much of importance passing in the heavy chemicals group this week, business remaining much below the average, with no signs of improvement. It is thought that the present state of affairs will continue well into the New Year, when a renewal of average business at least is looked for. Values continue weak, and some further declines are noted, a further drop in the price of formaldehyde having taken place, and it is difficult to arrive at the fair market price, as quotations are very inconsistent.

Acetic Acid is slightly easier on a dull market; glacial is about 88*l.*; pure, 73*l.*; and technical, 67*l.* per ton.

Alum is inclined to ease, but remains quoted at about 20*l.* per ton for lump, with very little movement.

Arsenic.—The market has been quite idle, and lower terms have been accepted in some quarters at around 74*l.* per ton for white Cornish powder, delivered London or Liverpool. Orders for Grecian material for shipment next year might be arranged down to about 65*l.* per ton c.i.f. Supplies are not anything like plentiful, yet the tendency continues downward owing to the indifference of buyers.

Barytes has been on the quiet side for some time, but prices hold firm at 6*l.* 10*s.* per ton upwards, according to quality.

Bleaching Powder is offered with not much demand at the slightly lower figure of 25*l.* 10*s.* per ton for export.

Borax.—Crystals and powder are freely offered by makers at 41*l.* per ton, for which there is a moderate demand.

Boric Acid is moving at 76*s.* per cwt. for powder and 74*s.* for crystals.

Copper Sulphate.—The export demand has remained extremely dull, business being virtually impossible even at around the generally lower figure quoted of 40*l.* per ton in casks f.o.b. Liverpool, less 5 per cent. Although the price is said to be close to cost, it is not improbable that further concessions would be made since the market for bar copper has dropped again heavily. It is claimed that German sulphate can be had at quite a few pounds per ton below the British price.

Epsom Salt is quieter, with parcels offered at about 9*l.* per ton for commercial grade.

Formaldehyde has again fallen, with quotations varying from 145*l.* to 165*l.* per ton. The fall is no doubt due to glut of supplies and only limited demand.

Glauber's Salt is fairly steady, commercial in bags offering at about 8*l.*, but with little demand.

Lead Acetate is inclined to ease a little, being freely offered at 69*l.* per ton for white crystals and 66*l.* for brown broken.

Lead Products.—The weakness in this section has been very pronounced, and although prices were again put down towards the close of last week by 2*l.* 10*s.* per ton for red lead and litharge and 2*l.* 5*s.* to 2*l.* 15*s.* for white lead, further concessions are looked for by buyers on account of the further rapid fall in the price of pig lead to about 25*l.* for prompt delivery. Current prices on Tuesday were as follows: Red lead and litharge 51*l.* 15*s.* to 53*l.* 5*s.* per ton for home trade or export; dry white lead 58*l.*, and white lead in oil 65*l.* 10*s.* per ton, both for export f.o.b.

Lime Acetate is quiet, and remains at about 28*l.* per ton for 80 per cent. grey.

Lithopone is quiet; supplies are obtainable at about 33*l.* for Continental 30 per cent. Red Seal, but there is not a great demand.

Oxalic Acid has fallen during the week to about 1*s.* 6*d.* and 1*s.* 7*d.* per lb. There is very little demand.

Potash Caustic is not in demand; quotations are round about 80*l.* per ton for 88 to 92 per cent.

Potassium Bichromate is quiet, with prices unsteady at about 1*s.* 3*d.* per lb. Continental quotations are slightly lower.

Potassium Chlorate is being asked for and quoted at from 8*d.* to 10*d.* per lb.

Potassium Permanganate is still plentiful, and quoted at 2*s.* 11*d.* for commercial, with a small demand.

Potassium Prussiate is offered at about 1*s.* 8*d.* per lb. for yellow.

Saltcake continues in fair demand, and is quoted at a slightly easier figure round about 15*l.* per ton f.o.b.

Soda Crystals are in moderate demand at about 7*l.* 10*s.* per ton.

Sodium Bicarbonate is in fair demand, and remains steady at about 11*l.* per ton for refined in bags.

Sodium Bichromate.—A little inquiry is coming through, and quotations are about the same as last week—11*d.* per lb.

Sodium Caustic (70 to 72 per cent.) is fairly steady, and a little business is being done at round about 28*l.* per ton.

Sodium Cyanide is being asked for and quoted at 1*s.* per lb. f.o.b. (100 per cent. basis).

Sodium Hyposulphite is one of the steadiest of markets; pea crystals continue in quite good demand. Values have eased a little, and quotations now average about 33*l.* per ton in kegs.

Sodium Nitrate is easier, the spot quotation for ordinary being 23*l.* 5*s.* per ton and refined 23*l.* 10*s.*; spring delivery is 24*l.* and refined 24*l.* 5*s.* ex wharf. Liverpool is from 22*l.* 15*s.* to 23*l.* per ton.

Sodium Nitrite is quiet, with values about the same at 74*l.* per ton.

Sodium Prussiate is dull, and offered at about 1*s.* 1*d.* per lb.

Sodium Sulphide is again slightly weaker, 60 to 62 per cent. being now obtainable at about 39*l.* per ton, but there is not much demand.

Coal-tar Products, Intermediates, etc.—Business is distinctly quiet. Values are, however, fairly well maintained. Naphthaline of all qualities is inclined to ease. Present quotations are: Crude, 14*l.* to 23*l.*; flakes, 45*l.*; candles, 54*l.*; and crystals, 44*l.* per ton. Disinfectants have gone much lower, and are now quoted at about 3*s.* 8*d.* per gal. Betanaphthol is still quoted at about 3*s.* per gal., but foreign competition is likely to have an adverse state on the value shortly, and the market is inclined to weaken. Aniline oil and salts remain at 1*s.* 8*d.* and 2*s.* respectively. Benzol 90's is easier at 3*s.* 8*d.* to 3*s.* 9*d.* in the North, and 3*s.* 10*d.* to 4*s.* in the South. Prime is steady at about 4*s.* to 4*s.* 2*d.* Creosote oil is firm at 1*s.* 2*d.* in the North and 1*s.* 3*d.* in the South. Carbolic-acid crystals remain quoted at about 10*d.* per lb., with packing free. Cresylic acid is unchanged; crude is 3*s.* 8*d.*, and 97 to 99 per cent., 4*s.* 4*d.* per gal. on a

quiet market. Solvent naphtha remains at 3*s.* on rails, and heavy naphtha is 3*s.* 2*d.* to 3*s.* 4*d.* per gal. Coal tar is steady at the old figure of 95*s.* per ton, and pitch remains at 12*l.* per ton.

Essential Oils.

A SLIGHT decline has taken place in the price of certain oils, but there is no change in the general situation. There are very few buyers, and only small lots appear to be changing hands. Among those which have receded are cassia, clove, Japanese mint, palmarosa, patchouli, and petitgrain oils. Bay and wormseed oils are lower. Eucalyptus oil shows some irregularity in price, and the low figures which are current this week do not appear to have been verified by actual purchases.

ANISE (STAR) is quiet and unchanged, with spot sellers of "Red Ship" brand at 3*s.* 6*d.* per lb.

BAY.—West Indian is easier on spot, with sellers at 23*s.* to 25*s.* per lb.

BERGAMOT is quiet on spot at 32*s.* to 34*s.* per lb. for 37 to 38 l.a.

CAMPHOR.—The *Mishima Maru* has brought 110 packages Japanese white essential from Kobe. Spot sales have been made at 215*s.* per cwt., and shipments afloat are offered at 180*s.* to 185*s.* landed. Brown has sold at 130*s.* per cwt.

CASSIA.—Small sales have been made at 7*s.* per lb. spot for 80 to 85 c.a., which is easier.

CLOVE.—English distilled is lower at 11*s.* 6*d.* per lb.

EUCALYPTUS.—The *Toromeo* from Melbourne has brought 678 cases, 9 drums, 16 packages. Stocks appear to be strongly held, and business is reported at 3*s.* per lb. c.i.f., which represents about 3*s.* 2*d.* to 3*s.* 3*d.* landed for 60 to 65, 70 to 75, and 80 to 85 per cent. cineol. Seasonal demand appears to be considerably below the average, and while some importers name 3*s.* 2*d.* per lb. as the spot value, there are holders who would be willing to sell at 3*s.* per lb. *Citriodora* is unchanged at 18*s.* to 20*s.* per lb., with sellers at these prices, and *Amygdalina* is steady at 1*s.* 10*d.* to 2*s.*

GERANIUM is nominally unchanged at 40*s.* 6*d.* to 41*s.* per lb. for Bourbon and 43*s.* for Algerian. Where business has been done holders in some directions have given way, and these prices can still be shaded on spot.

GINGERGRASS.—Orders are reported booked at 18*s.* per lb. c.i.f., and consignments are now afloat.

LEMON continues very flat at last week's quotations, 5*s.* 3*d.* being about the average figure given.

MINT.—Japanese dementholised is quiet and easier, with spot sellers of Kobayashi-Suzuki at 5*s.* 6*d.* per lb. and for December-February shipment 4*s.* 10½*d.* to 4*s.* 6*d.* per lb. c.i.f. has been paid.

ORANGE.—No further change is reported since last week, when 20*s.* per lb. was given as about the price. West Indian, which nominally is quoted at 15*s.* per lb., has been offered at considerably less in round lots, and no business done.

PALMAROSA.—The spot value for original pots is from 21*s.* to 22*s.* per lb., which is slightly easier.

PATCHOULI is easier, with spot sellers at 77*s.* 6*d.* to 80*s.* per lb.

PEPPERMINT.—Mitcham oil is obtainable at 110*s.* per lb. American tin oil is unchanged at 38*s.* to 40*s.* per lb. spot, and H.G.H. is 62*s.* to 64*s.* per lb.; London terms. Rather freer arrivals of American oil have taken place of late.

PETITGRAIN.—Paraguayan is easier at 24*s.* 6*d.* to 26*s.* For French 36*s.* per lb. spot is quoted.

WORMSEED has declined on spot to 45*s.* per lb., in view of the lower quotations now being made for forward delivery.

French Chemical Market.

THE tone of the pharmaceutical chemical market is quiet and weak, with a general decline in prices. Very few buyers are purchasing for home trade, but morphine and quinine, for export, remain firm. There is a new brand of digitaline crystals, caffeine, and theobromine of very high quality on the market. These products are of first-class French make, and are offered at low rates. Prices quoted below are in francs and per kilo., unless otherwise stated, and those in English currency are figured at the rate of fr.56 per pound sterling:

CAFFEINE.—A new French brand of high quality is offered at fr.215 to fr.220 (34*s.* 8*d.* to 35*s.* 9*d.* per lb.).

CODEINE is declining against all expectations, and is quoted at fr.2,000 (323*s.* 8*d.* per lb.).

DIGITALINE.—A new brand of first-class crystals of French make is offered at fr.130 per gram (46*s.* 5*d.* per gram).

EUQUININE is lower at fr.750 (7*s.* 6*d.* per oz.).

POTASH PERMANGANATE.—There are heavy arrivals, and it is offered freely at fr.19 to fr.20 (about 3*s.* 3*d.* per lb.).

POTASH BROMIDE is quoted from fr.13 to fr.13.50 (about 2*s.* 2*d.* per lb.). Arrivals have been heavy.

QUININE.—Dealer's price for sulphate is firm at fr.370 (3*s.* 8*d.* per oz.). Hydrochlor. is quoted at fr.460 (4*s.* 8*d.* per oz.), and chlorhydrosulphate at fr.410 (3*s.* 5*d.* per oz.).

RESORCIN shows no change at fr.70 to fr.75, but value is somewhat nominal (11*s.* 4*d.* to 12*s.* 1*d.* per lb.).

SANTONIN, arriving freely from Russia, is offered at fr.3,800 (38*s.* per oz.).

SPARTEINE SULPHATE is quoted at fr.510 (5*s.* 1*d.* per oz.).

French Drugs and Herbs.

Paris, November 25.

BUSINESS in the drug market is very quiet, with increasing prices for inland products, while exotic botanicals are low, according to high exchange rates. The prices given below are per 100 kilos., unless otherwise stated, and the English equivalents are at the rate of fr.56 to the pound sterling.

BILBERRIES.—The crop of French is large, and cheap at fr.300 (54*s.* 5*d.* per cwt.).

BARK (BLACK ALDER).—The war industries, which largely used this free for munitions, have left large quantities of bark—more than sufficient for home wants. Price, fr.275 to fr.300 (49*s.* 10*d.* to 54*s.* 4*d.* per cwt.).

LEAVES.—*Belladonna*: Cultivation has largely extended in France and the price has increased this year to fr.750 to fr.800 (135*s.* 11*d.* to 144*s.* 11*d.* per cwt.), while foreign can be had at fr.600 to fr.650 (108*s.* 9*d.* to 117*s.* 9*d.* per cwt.). *Hyssop* and *Melissa* are insufficient for home wants; prices are high and nominal. *Digitalis* of best French quality can be had at fr.350 to fr.375 (63*s.* 5*d.* to 67*s.* 11*d.* per cwt.). *Marjoram* is higher, rubbed French offering at fr.590 (106*s.* 11*d.* per cwt.). Algerian is offered at fr.327 to fr.350 (59*s.* 3*d.* to 63*s.* 5*d.* per cwt.). *Peppermint*: Large quantities are available at fr.550 (99*s.* 8*d.* per cwt.) for rubbed leaves of high flavour.

FLOWERS.—*Arnica* is plentiful at fr.490 to fr.510 (88*s.* 10*d.* to 92*s.* 5*d.* per cwt.). *Chamomile* is a good crop, and offered at fr.550 to fr.625 (99*s.* 8*d.* to 113*s.* 3*d.* per cwt.); old crop is fr.280 to fr.290 (67*s.* 11*d.* to 72*s.* 6*d.* per cwt.). *Centaury* is in good demand, and is quoted at fr.280 to fr.290 (50*s.* 9*d.* to 52*s.* 7*d.* per cwt.). *Poppy* is scarce at fr.10 to fr.10.50 (181*s.* 2*d.* to 190*s.* 3*d.* per cwt.). *Elder* is also scarce, and offers are wanted. *Tilia* is plentiful; high class is fr.800 (144*s.* 11*d.* per cwt.), seconds fr.550 to fr.650 (90*s.* 8*d.* to 117*s.* 9*d.* per cwt.). The French crop of tilia occupies a unique position in the world's supply of flowers for its superior quality, therefore prices should not be compared with those of another country, because French commands higher prices on account of its high flavour.

IRISH MOSS is weak; prices for select quality are fr.130 (23*s.* 6*d.* per cwt.), firsts at fr.110 (19*s.* 11*d.* per cwt.), seconds fr.90 (16*s.* 3*d.* per cwt.), but will advance in value as stocks are running low.

ROOTS.—*Belladonna*, French, testing 0.35 to 0.40, is recommended at fr.550 to fr.600 (99*s.* 8*d.* to 108*s.* 9*d.* per cwt.); Japanese of pre-war stock (0.32) is quoted at fr.375 to fr.400 (67*s.* 11*d.* to 72*s.* 6*d.* per cwt.). *Colchicum* is steady at fr.950 to fr.980 (172*s.* 1*d.* to 177*s.* 7*d.* per cwt.). *Gentian* is scarce, with increased demand, at fr.210 to fr.220 (38*s.* to 39*s.* 10*d.* per cwt.). *Marshmallow* has moved in buyer's favour; it is quoted at fr.325 to fr.350 (58*s.* 6*d.* to 63*s.* 5*d.* per cwt.). *Lovage* is unchanged at fr.450 to fr.475 (81*s.* 6*d.* to 86*s.* per cwt.). *Angelica* is scarce at fr.700 (126*s.* 10*d.* per cwt.). *Alkanet* is steady at fr.675 (122*s.* 4*d.* per cwt.). *Dandelion* is quoted at fr.580 (105*s.* 1*d.* per cwt.). *Rhapontica* is offered at fr.390 to fr.400 (70*s.* 8*d.* to 72*s.* 6*d.* per cwt.). *Tormentille* is offered at the reduced price of fr.375 (67*s.* 11*d.* per cwt.). *Valerian* is quoted at fr.390 (70*s.* 8*d.* per cwt.).

SEEDS.—*Angelica* is weak, at fr.375 (67*s.* 11*d.* per cwt.). *Celery* is declining to fr.375 (67*s.* 11*d.* per cwt.). *Colchicum* is scarce at fr.1.950 to fr.2,000 (about 362*s.* 5*d.* per cwt.). *Ergot* is quoted at fr.68 per kilo. (11*s.* 2*d.* per lb.). *Parsley* is in great demand at fr.300 to fr.450 (54*s.* 5*d.* to 81*s.* 6*d.* per cwt.), testing 0.35 to 0.45 apiol. *Psyllium* is offered at fr.300 (54*s.* 5*d.* per cwt.).

CANTHARIDES.—*Russian* is awaiting first arrivals, and is offered at fr.66 to fr.70 per kilo. (10*s.* 8*d.* to 11*s.* 4*d.* per lb.).

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Italian Olive Oil Crop.

Geneva, November 26.

The decree of October 20 fixing the price of olive oil in all Italy at lire 1,100 per 100 kilos., with the intention of stopping speculation, caused the price of olives to decline considerably. Those quoted at from lire 160 to 170 per 100 kilos. went down to lire 120 to 130. This state of affairs greatly dissatisfied all producers and oil merchants, who protested to the competent authorities. As a consequence of this the following concessions were obtained: (1) The transit of the olives from province to province is allowed, after having considered the conditions of the local oil-pressers, and when the pressing of the olives cannot be conducted in the provinces of origin; (2) the delivery of quantities of olive oil below 25 kilos. is completely free; (3) the transportation expenses and all losses caused through leakages, etc., will be considered by the Italian Government in making up the price of sale; (4) the exportation of olive oil will be allowed when the national needs have been guaranteed, and all extra profit made on the price of sale, after deducting the portion due to the Italian Government, will be divided between producers and merchants.

At the end of November the following quotations were current for olive oil: Porto Maurizio: Riviera superfine, lire 1,550; fine Riviera, lire 1,500; eatable Riviera, lire 1,450; Puglia Bitonto, lire 1,500; Bari, lire 1,400; Fasano, lire 1,500; Leccese, lire 1,400; Calabria Gioia, lire 1,500 per 100 kilos. Against such prices the Italian Government has imposed a fixed price of lire 1,300 per 100 kilos. The price fixed for cottonseed oil was lire 1,050 per 100 kilos.

Italian Essential-oil Market.

Geneva, November 26.

Little business could be accomplished during November owing to the continual oscillation in the foreign exchange, and in consequence also in prices. The following current quotations in lire per kilo. are given for esential oils, aromatic and synthetic chemicals in Italy, and are based on a rate of exchange of about lire 90 to the pound sterling:

	Lire per Kilo.		Lire per Kilo.
Almonds, bitter, s.a.p.	325	Gingergrass	200
Anise (Jp.)	60 to 90	Hyssop	200
Basil	400	Juniper berry	160
Bay	350	Kummel rect.	110
Bergamot	350	Laurel	125
Bois de rose	550	Lavender (Aosta)	350
Cajuput (Java)	40	,, (ex Mitcham plants)	550
Cananga (Java)	260	Lemongrass	145
Caraway	200	Mandarin	400
Cardamom	1,200	Marjoram	120
Cedarwood	60	Mustard	375
Cedar fruits	160	Neroli (Ital.)	1,500
Chamomile	1,000	,, (Bigarade)	3,500
Cinnamon (Ceylon)	550	Nutmeg	175
Citronella (Ceylon)	48	Origanum, 60 % cav.	200
,, (Java)	78	Patchouli	850
Clove	175	Peppermint (Piedmontese)	270
,, Reunion	225	Petitgrain (Parag.)	305
Cognac, green	900	Red Thyme	128
Coriander	1,350	Rose (It.)	4,800
Cypress	220	,, (Bulg.)	11,500
Eucalyptus	50	Rosemary (Sp.)	130
Fennel (sweet)	80	Sandalwood (E.I.)	500 to 600
Geranium	400 to 550	Sassafras	130
		Ylang-ylang	850 to 1,300

Aromatic and Synthetic Chemicals.

	Lire per Kilo.		Lire per Kilo.
Acetaldehyde, C. 8	2,300	Ethyl malonate	400
Amyl acetate	90	Ethyl phenyl acetate	350
Amyl butyrate	200	Ethyl valerianate	325
Amyl salicylate	120	Eugenol (100%)	275
Amyl valerianate	400	Eugenol methylic ether	300
Anthranilic acid	200	Geraniol	100
Benzaldehyde s.a.p.	80	Geraniol formiate	175
Benzyl acetate	135	Geraniol palmarosa	400
Benzyl alcohol	175	Heliotropin (100%)	295
Benzyl benzoate	115	Iudol	9,000
Benzyl butyrate	275	Isoeugenol	350
Benzyl propionate	250	Methyl anthranilate	295
Benzyl valerianate	500	Methyl cinnamate	275
Bromstyrol	320	Methyl phenyl acetate	360
Cinnamic acid	160	Methyl heptylate	280
Cinnamic aldehyde	175	Methyl salicylate	70
Citral	400	Phenyl ethyl acetate	350
Citronellyl acetate	610	Phenyl methyl acetate	360
Citronellyl formate	600	Safrol	130
Coumarin	350	Thymol	700
Dianthol	350	Vanillin	900
Diphenyl-methane	180	Xylol, musk	550

Arrivals of Drugs, Chemicals, etc.

The following products have arrived at the ports named:

London

(November 8 to 15).

Cream of tartar, (Germ.) 8 brls., (Sp.) 100 cks.
Formaldehyde (Holl.), 17 pkgs.
Magnesium (Germ.), 20 cs.
Methyl alcohol (Can.), 120 drms.
Milk-sugar (Holl.), 100 cs.
Pot. brom. (Germ.), 10 pkgs.
Pot. chlor. (Antw.), 60 kgs.
Safrol (Antw.), 5 drms.
Saltpetre (Germ.), 39 cks.
Silver nitr. (Holl.), 22 puns.
Soda salicylate (Fr.), 120 cs.
Sulphuric acid (Holl.), 60 cs.
Tartar (Fr.), 748 bgs.
Zinc oxide, (Germ.) 109 cks., (Belg.) 24 brls.
Drugs, crude, etc.: Herbs (Fr.), 13 bls.; leaves (Fr.), 39 bls.; roots (It.), 134 bgs.; leaves (It.), 20 bgs.
Agar-agar (Jp.), 45 bls.
Aloes (Zan.), 27 cs.
Camphor (Ch.), 25 cs.
Cardamoms (Cey.), 5 pkgs. 50 chts. 32 cs.
Cod-liver oil, (Norw.) 105 brls., (Holl.) 50 cs.
Galls (Ch.), 177 cs.
Juniper berries (It.), 184 pkgs.
Liquorice, (Sydney) 13 drms., (It.) 277 cs.
Myrrh (Aden), 48 bgs.
Nux vomica (E.I.), 61 pkgs.
Rhubarb (Ch.), 10 cs.
Sarsaparilla (Sp.), 15 bls.
Senega (N.Y.), 21 bls.
Valerian (Antw.), 25 bls.
Dyes, dyeing, and tanning materials, etc.: Aniline dyes, (Belg.) 376 pkgs., (Germ.) 12 cks., (Holl.) 6 brls.; myrabolans (E.I.), 2,791 pkgs.
Egg products: Albumen (Ch.), 557 cs.; yolk (Ch.), 25 brls. 132 cks. 112 cs.
Fig syrup (U.S.), 7,500 cs.
Gums, resins, etc.: (Aust.) 54 bgs., (E.I.) 80 pkgs.; acacia, (Aden) 54 pkgs., (Sudan) 4,533 bgs.; copal, (Holl.) 29 pkgs. 117 bls., (Zan.) 146 cs. 47 bgs., (S'pore) 150 cs., (Belg.) 607 bskts. 66 bgs.; elemi (Manila), 139 cs.; kauri (N.Z.), 320 cs.; resin, (Fr.) 675 cks. 150 brls., (U.S.) 10 drms.; sandarac (Moroc.), 7 bgs.
Honey (N.Z.), 339 cs.
Lithopone (Antw.), 40 cks.
Mercury (It.), 500 fl.
Oils, essential: Amber (Germ.), 2 cs.; cinnamon (Cey.), 25 cs.; citronella (Cey.), 2 drms.; cubeb (Germ.), 1 cs.; eucalyptus (Aust.), 77 cs.; geranium (Fr.), 2 drms.; juniperberry (It.), 10 cs.; marjoram (Sp.), 1 cs.; orange (Fr.), 1 cs.; peppermint (U.S.), 42 cs.; petitgrain (U.S.), 5 cs.; pine (Germ.), 2 cs.; sandalwood (W. Aust.), 19 cs.; spike (Sp.), 7 drms.; turpentine (Fr.), 200 brls.
Oils, fixed: Coconut (Cey.), 30 puns. 19 hhds. 259 pps. 435 pkgs.; ground-nut (Jp.), 7,700 cs., (Ch.) 2,200 pkgs.; olive (Antw.), 44 brls. 15 cs. 19 cks.; soya (Jp.), 6,000 cs., (hardened), 2,000 cs.; wood (Ch.), 56 cks.
Petroleum jelly (U.S.), 100 brls.
Seeds: Anise (N.Y.), 50 bgs.; canary (Moroc.), 1,612 bgs.; copra (E. Af.), 559 bgs.; coriander (Moroc.), 1,720 bgs.; fenugreek (Moroc.), 1,159 bgs.; ground-nuts (Ch.), 7,101 bgs.; lin, (E.I.) 4,584 bgs., (Moroc.) 2,569 bgs., (R. Plate) 24,810 bgs.; millet (It.), 38 bgs.; sunflower (R. Plate), 1,277 bgs.
Spices: Chillies (Zan.), 132 bgs. 17 bls.; cloves (E. Af.), 100 bls. 758 bgs., (Penang) 13 cs.; mace (Penang), 7 cs.; pepper (E.I.), 4,482 bgs.
Waxes: Bees' (Zan.), 54 bls.; paraffin, (Germ.) 207 bgs., (U.S.) 150 brls. 149 bgs.

Liverpool

(November 8 to 13).

Chamomiles (Fr.), 20 bls.
Chemical products, etc.: (Fr.) 20 cks.
Arsenic (U.S.), 177 brls.
Tartar (Fr.), 197 bgs.
Tartaric acid (It.), 20 brls.
Dyes, dyeing, and tanning materials: Cochineal (Canar. Is.), 12 bgs.; cutch (S'pore), 1,179 cs.
Egg-yolk (Ch.), 260 cks.
Gums, resins, etc.: Copal (Antw.), 607 bskts.; gambier (S'pore), 2,250 cs.; resin (U.S.), 1,800 brls.
Oils, fixed: Coconut oil (S'pore), 577 brls.; cottonseed (Ch.), 290 drms.; olive (Fr.), 57 cs.; sperm (So. Georgia), 253 brls.; whale (So. Georgia), 12,070 brls. 2,016 drms.; wood (Ch.), 150 brls.
Turpentine (U.S.), 1,281 brls.

Goole

(November 9 to 12).

Barytes (Antw.), 150 bgs.; dyestuffs (Holl.), 54 cs. 109 cks. 33 pkgs.; naphthol (Holl.), 8 cks.

Hull

(November 6 to 12).

Acetic acid (N.Y.), 76 brls.; aniline dyes (Antw.), 160 pkgs.; barytes (Autw.), 200 bgs. 229 brls.; chemicals (N.Y.), 10 drms.; herbs (Trieste), 10 bls.; leaves (Venice), 25 bls.; oxalic acid (Antw.), 14 brls.; potash, caustic (Holl.), 836 drms.; seeds: cotton, (Alex.) 5,193 tons, (E.I.) 31,783 bgs.; fenugreek (Antw.), 106 bgs.; lin (E.I.), 10,021 bgs.; palm kern. (W. Af.), 18,074 bgs.; tartaric acid (Bari), 36 brls.; wax, paraffin (N.Y.)

Manchester

(November 8 to 13).

Acetic acid (Can.), 337 brls. 15 cks.; ammonia phosphate (Belg.), 20 cks.; chemicals (Halif.), 15 cks.; farina (Holl.), 3,330 bgs.; formaldehyde (Halif.), 30 drms.; hæmatite crystals (U.S.), 34 brls.; oxalic acid (Holl.), 8 cs.; phosphorus (Can.), 1,000 cs.; resin (U.S.), 7,600 brls.; seed: cotton (Alex.), 1,000 tons; soda acet. (Belg.), 13 cks.
Zinc oxide (Antw.), 40 brls.

Southampton

(November 8).

Farina (N.Y.), 1,200 pkgs.; palm oil (Holl.), 171 brls.; pharmaceutical products (N.Y.), 41 pkgs.; quinine sulph. (Cape), 31 cs.

NEWFOUNDLAND COD-LIVER OIL.—The exports of medicinal oil from Newfoundland during 1919 amounted to 342,592 gals., compared with 321,969 gals. in 1918.

Letters for this section should be written on one side of the paper only. The writer may adopt an assumed name for purposes of publication, but he must in all cases furnish his real name and address to the Editor.

On Limehousing.

SIR,—*Morbus politicus* is an infection which invades the body, corporate or otherwise, by means of the atmosphere. Its first effect is to cloud the senses, but with a strongly-marked bias against that particular variety called common. The vision, mental or otherwise, becomes twisted; black becomes white and white becomes red, while charity is no longer a virtue. The greatest evil is that it gives a fictitious value to infected persons, whereby they acquire the power to obscure the judgment of simple-minded men and women, frequently to their own hurt. Yours truly,

A MERE LONDONER. (1/12.)

Earlier Closing.

SIR,—As a strong advocate of earlier closing, I was much interested in Mr. R. C. Cowley's article on "Early Closing in Australia" (*C. & D.*, November 27, p. 90), but as I am not familiar with the conditions prevailing in that country I am at a loss to compare them with the corresponding conditions at home. In the first place, are there any panel patients, and, if so, when do they get their medicine? Here the bulk of the work comes after 6 P.M. Secondly, are the doctors allowed to dispense? In England six-o'clock closing would probably be the means of driving more dispensing into the doctors' hands, and also be a strong claim for them to get the panel work as well. It must be remembered also that the Insurance Committees have the power now to regulate the hours for dispensing. Thirdly, I can understand that a large place like Brisbane can run a central day and night pharmacy successfully, but what happens in the smaller towns with only two or three pharmacies? It is true that Mr. Cowley mentions an "urgent medicine" clause, but if both chemists elected to go out each night at 6 P.M., or to live away from the premises, the public could knock in vain. Or is there any obligation for each area to provide facilities for urgent medicines? Apparently assistants are obliged to stop work at 6 P.M., so that any obligation to supply would entail the proprietor attending to all late work himself in a small district. A little further information on these points would be very helpful, and aid us to see how earlier closing could be effected in this country. Yours faithfully,

EARLY CLOSER. (19/9.)

The Pharmaceutical Union.

SIR,—Reading the details of the Society's scheme for reorganisation from the point of view of a qualified assistant, I notice that one of the functions that the Society can legally undertake is the keeping of an employment register and a register of unsatisfactory employees; but I do not see that they suggest a register of unsatisfactory employers for the use of assistants, although they take an equal subscription from the assistant pharmacists as from the masters. It is true that in the second term of reference they propose to relinquish this, among other functions, to the new body, but there are few of us who will be deceived with the old pill in a new coating, and it is for that reason that so many pharmacists insist on a completely independent body, and this is the opinion of assistants as well, for why should they pay their subscriptions to a Society which would direct the policy of an employers' federation?

Yours faithfully,

ASSISTANT. (27/11.)

State Pharmacies.

SIR,—In the good old days in Dublin I was very proud to serve in a pharmacy whose proprietors styled themselves "State Apothecaries and Chemists to the Queen." I see in this week's issue (*C. & D.*, November 27, p. 69) that "State Pharmacy" means something very different in Finland, and that our fellow-craftsmen there are leaving the business if the craft is nationalised, as "they consider the idea of State pharmacies is impracticable." I would be very glad to know how it is proposed to nationalise pharmacy in Finland? If the conditions are those detailed in your fascinating article on Soviet Russia, it is little wonder that our Finnish friends are fighting shy of it. I know from personal experience with the North Russian Expeditionary Force that 5,000 roubles, which your informant states is the wages of pharmacists in State pharmacies in Russia, is not enough to keep body and soul together. I have been asked 150 roubles for a sleigh journey of two miles, which before the war would have cost less than a rouble, and have known a bottle of whisky to change hands for more than 500 roubles. The rouble was worth two shillings before the war, but it is worth little more than a penny in purchasing value to-day in Russia.

Yours sincerely,

L.P.S.I. (29/11.)

Legal Queries.

A. E. L. (30/11).—It is not legal for an unqualified person to use the title "cash chemist" even though he has a partner who is registered as a chemist. The Poisons and Pharmacy Act, 1908, provides for the use of the title "chemist" by limited companies, but the provisions there laid down do not apply to firms in England.

F. O. (29/11).—(1) There is no legal decision against the use of the designation "drug-store" for business premises, but it might in certain circumstances be regarded as evidence that the "business of a chemist and druggist" is being carried on in the shop. (2) An unqualified person cannot legally sell scheduled poisons even though he employs a registered chemist in his business.

B. R. A. (29/11).—The Protection of Animals Act, 1911 (s. 3), makes it illegal to sell poisoned grain or to lay poison, except for *bona-fide* use in agriculture, but by Section 17 allows occupiers of land in Ireland to lay poison "after a notice has been posted in a conspicuous place and notice in writing has been given to the nearest constabulary station," but no permission is given to sell poison for the purpose. A method of poisoning grain as practised in New Zealand for the destruction of sparrows was given in the *C. & D.*, May 5, 1917, p. 52.

A. J. W. (26/11) has been tenant of a combined house and shop, since March 1, 1905, under a verbal yearly agreement, at a rent of 40*l.* a year, payable quarterly on the first day of March, June, September, and December. His landlord, on September 1, gave him notice to quit on December 1, preparatory to increasing the rent of the premises. Is "A. J. W." entitled to a longer notice to quit? [The Court would probably hold that "A. J. W." is a yearly tenant and, as such, entitled to half a year's notice to quit expiring on March 1. In the circumstances we suggest that "A. J. W." should arrange with his landlord for any increase of rent to become operative as from March 1 next.]

Veritas (25/11) asks what increase of rent is permissible in the case of a house which in August 1914 was let at a rent of 30*l.* per annum. The landlord does outside repairs only. [Assuming that "Veritas" pays the rates, but is not under any agreement to do repairs, the rent may be increased by 30 per cent., making it 39*l.*, and by a further 10 per cent. after July 2 next, making it then 42*l.* a year. If the landlord pays the rates he is entitled to increase the rent also by an amount equivalent to the difference between the current rates and those levied in August 1914. On the other hand, if "Veritas" is under agreement to do repairs the increase of rent allowed in this connection will be correspondingly reduced.]

Miscellaneous Inquiries.

When samples are sent particulars should be supplied to us as to their origin, what they are, what they are used for and how. We do not undertake to analyse and report upon proprietary articles nor to publish supposed formulas for them.

A. McD. (16/11).—OLEUM BUBULUM is neat's-foot oil, which, besides its use in veterinary medicine, is employed in the leather industry. The oil is produced as a by-product at tripe shops, but is also made on a large scale at meat-packing establishments in America.

J. D. H. (17/11).—COLZA OR RAPE OIL.—Refined rape oil of a pale yellow colour used as an edible oil is obtained by expression. The oil is known as "bread oil" on account of its use by bakers for greasing the ends of loaves in the oven. The colza oils prepared by means of solvents are inferior, and not suitable for use as edible oils.

H. S. (246/35).—LIQUORICE COUGH MIXTURE, "P. F."—The following is the formula you require :

Succ. "solazzi,"		
Gum. acaciæ	aa.	lb. iij. ℥xiv.
Oxy. scillæ	...	lb. vj.
Glycerini	...	lb. ij.
Ol. anisi	...	ʒvj.
Sp. rectificat. ...	...	℥xij.
Ext. glycyrrh. liq.,		
Theriac.,		
Chloroformi	aa.	℥iij.
Æther.	...	ʒvj.
Vin. ipecac.	...	℥xij.
Aquæ ad.	...	fl. lb. xlviij.

Dose : For adults, from two teaspoonfuls to a small tablespoonful, two, three, or four times a day as required, and a teaspoonful at intervals during the night, if needed.

C. & S. (17/11).—GRAVY BROWNING is generally made with caramel and salt, the latter acting as a preservative. You do not say what your formula is, but if it is a liquid the additional precaution should be taken of sterilising the liquid, placing into sterile bottles, and tightly stoppering the bottles.

H. L. (260/17).—BENEDICT'S SOLUTION for testing sugar in urine. This is a modified form of Fehling's solution. The formula is thus given in Martindale's "Extra Pharmacopœia" :

Copper sulphate	18 grams
Sodium carbonate cryst. ...	200 grams
Sodium citrate	200 grams
Potassium sulphocyanide ...	125 grams
Potassium ferrocyanide solution (5 per cent.) ...	5 c.c.
Water to	1,000 c.c.

The test is conducted like Fehling's—the end-point being disappearance of the blue colour. Twenty-five c.c. = 0.05 gram glucose and 0.053 gram levulose.

H. T. (24/11).—OIL OF TAR.—The destructive distillation of wood yields wood charcoal, pyroligneous acid, and tar. From the pyroligneous acid, acetic acid is prepared. The tar is distilled, 1 ton yielding (*a*) at a temperature of 110°-120° C., 22 to 33 gallons of a mixture of water, pyroligneous acid, methyl alcohol, and "light oil," sp. gr. 0.700 to 0.800; (*b*) at 120°-230° C., about 44 to 66 gallons of "heavy oil." The residue is pitch. The "heavy oil," known as creosote and containing phenols, is used for the preparation of creosote and guaiacol, that obtained from beechwood being preferred, as it contains the largest amount of creosote (10 to 15 per cent.). The "light oil," known as spirit of tar or rectified oil of tar, is used in medicine and in veterinary practice.

J. G. (24/11).—TOOTH-PASTE BASE.—The heavy variety of tooth-paste so much in favour at the present time is prepared with diatomaceous earth or china clay, sometimes mixed with precipitated chalk. Special grit-free varieties of natural earths are sold for the purpose.

T. T. (239/12).—AMERICAN WORMSEED OIL (*oleum chenopodii*) is administered to dogs as an anthelmintic in doses of 2 to 30 minims; to puppies in doses of one or two drops. The following is a suitable method of administering this remedy :

Chenopodium oil	♏xvj.
Turpentine oil	♏ij.
Anise oil	♏xvj.
Castor oil	ʒiiss.
Olive oil	ʒiij.

Mix and heat gently.

Dose : For a full-sized or medium puppy under six weeks old, give ʒss. in ʒj. of milk. Between six and eight weeks, the dose is ʒj., at eight weeks ʒj., to be repeated in an hour. If the bowels do not act within an hour give ʒss. to ʒj. of castor oil. For small puppies, reduce the doses to one-half and for toy breeds to one-quarter. If no worms are expelled, the mixture may be repeated in a few days.

H. M. (27/11).—TRUSS FITTING.—We last published an article on this subject in the *C. & D.*, January 31, 1903, p. 147. There is a chapter in "Diseases and Remedies" (*C. & D.* Office, 5s. net) which gives practical details such as chemists require regarding surgical and medical appliances. Other books on trusses are Wood's "Application of Trusses to Herniæ" (Matthews Bros., 10 New Oxford Street, London, W.C., 1s.); and Eccles's "Hernia : Its Etiology, Symptoms, and Treatment" (Baillière, 7s. 6d.).

Menthells (29/11).—BOOKS FOR QUALIFYING EXAMINATION.—A revised list was given in the *C. & D.* Educational Number (August 21, p. 92), from which a selection can be made. The new syllabus will not come into force until after October 31, 1922, the date having been postponed since the publication of the Educational Number.

Haloid (27/11).—ASSISTANTS' SALARIES.—There is no fixed standard of wages for assistants in London. The fullest information on the subject is that given in the *C. & D.*, June 26, p. 144. Owing to the absence of reciprocity between Great Britain and Ireland, the Irish qualification is not legally recognised in England.

Pax (29/11).—INHALANT.—The formula for which you inquire is as follows :

Pine oil	1 part
Eucalyptus oil	½ part
Menthol	½ part
Rectified spirit	a sufficiency

W. H. B. (23/11).—We think your customer is referring to the Weir-Mitchell treatment of nervous diseases. This was introduced some years ago, and is essentially a matter of complete rest in bed, massage, and heavy feeding. The treatment seems to give excellent results in hysteria and neurasthenia. It is described in such works as Quain's "Dictionary of Medicine."

Rusticus (16/11).—EUSOL.—Five methods of making this chlorinated liquid are given in *The Chemist and Druggist Diary*, 1918, p. 71.

Retrospect of Fifty Years Ago.

Reprinted from "The Chemist and Druggist," Dec. 15, 1870.

The Franco-Prussian War.

A letter of considerable interest is printed on another page from our Parisian correspondent, descriptive of French pharmacy during the past two months. The graphic picture which this letter somewhat incidentally presents of the sad condition to which our so lately elegant and gay neighbour has now been reduced, is most painful to read. Our correspondent is naturally biassed towards France; we need scarcely say that it is no part of the province of this journal to enter on political subjects, certainly not to be the partisans of either of the combatants in this cruel war; but we cannot publish his denunciations of the invaders of French soil without remarking that the war itself is mainly responsible for the horror inevitably attendant on it, as on every war; and though clearly Prussia does not fight with kid gloves on, the question still remains, who is responsible for the war?

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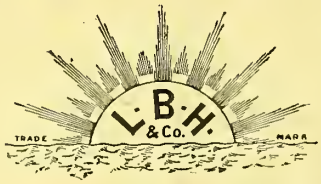

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Full Strength, 0·3 gr., 550, Saccharin, in each.

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Formalin Tablets, contains ½ gr. Paraformaldehyde, per lb. 3/-; in screw-cap bottles, 50's, 8/- per doz.
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Boat-Shape Feeding Bottles, each in box, complete with transparent teat and valve, 10/- per doz.
Paper, Double Demy, 22½ × 35, 24/- per ream.
„ Nature Brown Cap, 18 × 28, 7/- per ream.

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Cream of Tartar 99%	P.B. 3/- „	Sodii Salicyl.	P.B. 4/9 „
Acid Citric	P.B. 6/- „	Camomile Flowers	2/- lb.
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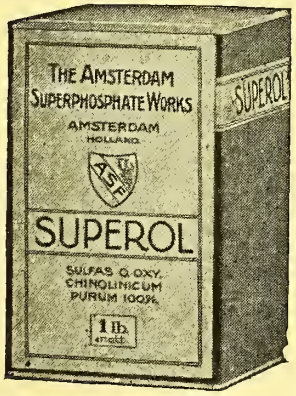

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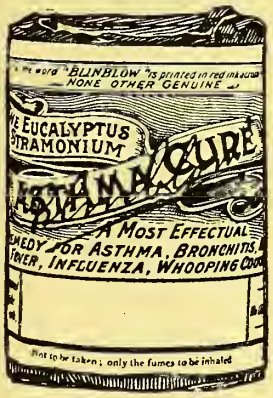

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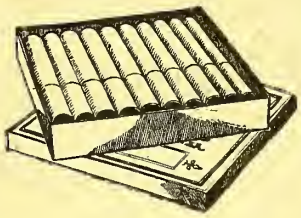

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We want your Printing!

THE features of our work are:
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We Supply:
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Complete set of Samples sent to the Colonies on receipt of Money Order for 10/6.

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Castor Oils, *Medicinal, Lubricating.*

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Best Raw, Double Boiled. Refined,

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Have you a WINE LICENCE?

If not, you should take steps to procure one, and we will pay the cost.

If you already have a licence we undertake to pay the annual charge.

DR HALE'S
VIN-SANGUIS
WINE FOR THE BLOOD

The only conditions are—

1. *That you agree to give full display to Dr. Hale's Vin-Sanguis in your premises all the year round.*
2. *That you give us an agreed initial order.*
3. *That you keep Dr. Hale's Vin-Sanguis always in stock.*

Advertising Matter and Doctors' Samples free.

Trans-Continental Agencies, Limited

Proprietors of Dr. Hale's Vin-Sanguis.

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THE CHEMISTS' APERIENT MINERAL WATER

Aquaperia
(Harrogate)

P.A.T.A.
3/- per doz. allowed for Empty Bottles returned Carriage Paid, to our Factories

Standardised & Bottled by CAMWAL, Ltd., at their Spring at Harrogate.
Supplants Apenta, Hunyadi-Janos and German and Austrian Waters of similar Character

Of all Wholesale Houses, and "CAMWAL" LTD. HARROGATE, MANCHESTER, BIRMINGHAM, BRISTOL, MITCHAM, LONDON, & DEPOTS.

Special Export F.O.B. quotations, including packages.

CORKS
The Best Value in the Trade.

ESTABLISHED 150 YEARS.

Importers & Manufacturers of all classes of Corks

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Natural Mineral Waters.

WE beg to inform the Trade that we are now regularly receiving consignments of Natural Mineral Waters from the Continent and other parts of the World.

We are thus in a position to execute orders for the leading well-known Natural Mineral Waters, as under :—

VICHY-CÉLESTINS AND THE OTHER STATE SPRINGS

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Prices of the above quoted on application.

Any Natural Mineral Water not in stock, if procurable, can be imported to special order during the Season.

INGRAM & ROYLE, Ltd.

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Telephone: HOP 4343 (2 lines). Telegrams: "INGRAM ROYLE, WATLOO, LONDON."

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(2)

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Made in Canada. Highest Quality.

SHAWINIGAN

GLACIAL - 98/100 %
80 % pure edible

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Rates quoted to any port in the world by Shawinigan Ltd., 1 Tudor Street, E.C.4, Suppliers of Calcium Carbide for Cutting, Welding, etc.

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For supplies of Acetic Acid in the United Kingdom, write to the distributors—

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Stocks held in London and Liverpool

Reliable goods pay best.

Inferior goods may offer a larger initial profit, but the absence of repeat orders and a damaged business reputation with the resultant loss of custom, makes dealing in such articles a bad business policy.

Make Kutnow's one of your display lines. Its reliability, genuine efficacy and ever-increasing sales will not only enhance your reputation as a straight dealer, but bring in bigger business and assured profits.

STOCK KUTNOW'S TO-DAY!

ASK YOUR WHOLESALE DEALER FOR FULL PARTICULARS.

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British Made Filter Papers

CORRESPONDING TO THE GERMAN
Nos. 595, 597, 598, 602, 604, etc.

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Ashless Filters

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SOXHLET THIMBLES.
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REDUCTION IN PRICE.

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The Great British Aperient Water

Trade Terms, Now ... ... 22/- per dozen bottles, Carriage Paid
Retail Price, Now ... ... 2/6 per bottle (P.A.T.A.)

OSMOS, Crown Wharf, Hayes, Middlesex.

Vinum Xericum

BUTTS.	HOGSHEADS.	QR. CASKS.
108 galls.	54 galls.	27 galls.

STRENGTH 17°

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Wholesale Herb Merchants,
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Special lines : English Herbs, Roots and Flowers, fresh and dried.

LEAVES & HERBS.
Digitalis, Belladonna, Broom Tops, Dandelion Tops, Coltsfoot, Mugwort, Ragwort, Wild Carrot, Meadowsweet, etc

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Belladonna, Burdock, Bryony White and Black, Comfrey, Dandelion, Male Fern, Doggrass, etc.

Full List on Application.

PURE ORANGE WINE

A. MILLAR & CO., LTD., DUBLIN

(VINUM AURANTII B.P.) Prepared in strict accordance with the Formula of the British Pharmacopœia. (Wholesale only.)
Samples from Head Office, Thomas Street, DUBLIN, or London Office, 43 Great Tower Street, LONDON, E.C. 3.

TO USERS and DEALERS in METH. SPIRIT and SPIRIT OF WINE.

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PRESTON'S LIVERPOOL DISTILLERY Co. Ld.

The Largest Makers in the United Kingdom.

BANKHALL DISTILLERY, SANDHILLS, LIVERPOOL. Office : 4 India B'ngs, Water St, Liverpool.

MALT & COD LIVER OIL

Prepared only from the Finest East-Coast Barley, combined with the best Norwegian Non-Freezing Cod Liver Oil.

Packed in Screw-Capped Jars, Bottles and Tins, holding 1 lb. and 2 lb. Neatly Labelled and Wrapped. Customer's Name printed on Labels for Orders of 1 Gross and upwards.

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The Medical Profession are recommending VITMAR for delicate Children and Invalids.
If you do not yet stock it your wholesaler will supply you.

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Dr. Allinson's Food Preparations

FOR ALL AGES AND CONDITIONS OF HEALTH AT FIRM AND PROTECTED PRICES.

Food for Babies, Prepared Barley, N. F. Cocoa, Biscuits, Wholemeal, &c.

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SPECIAL NOTICE.

We issue a list of WHOLESALE HOUSES who keep above in stock, if for any reason you have difficulty in obtaining supplies, please send postcard direct to us, and a list will be sent to you by return.

NATURAL FOOD COMPANY, Ltd., Cambridge Road, Bethnal Green, LONDON E.

All advertising matter—Booklets, Window Displays, Showcards, etc., free on application.

N.B.—Our goods are to be sold only at prices stated upon the Price List we issue to the trade, and we are pleased to exchange any article which may be out of condition.

ATKINSON & BARKER'S
INFANTS' PRESERVATIVE

THE BEST AND SAFEST INFANTS' MEDICINE OF OVER 120 YEARS' STANDING.

Prices and Terms on application to R. BARKER & SON, Ltd.
13 Wesley St., C.-on-M., MANCHESTER.

DOES NOT CONTAIN any SCHEDULED POISON.

The Nutrient Laxative

Obstacles to Nutrition

MANY foods contain a large quantity of flesh-forming and energy-promoting substances, but where the organs of digestion and excretion are unable to work to their full capacity little benefit is derived from the food. Indeed in many cases, as the Physician will recognise, bulky foods aggravate the condition:

(1) By forming further accumulations in the bowels.
(2) By overweighting the intestine and dragging it out of place.
(3) By the production of poisons from excessive bacterial activity.

Overcome by Virolax

These difficulties are met by Virolax, which combines the nutritive properties of Virol (egg, bone marrow and malt extract) with the laxative properties of liquid paraffin.

An important feature of Virolax is that in combining these two components the paraffin becomes so finely emulsified that the uncertain action of paraffin in its ordinary state is entirely avoided.

Virolax feeds while it relieves and is therefore in a category apart and so pleasant in flavour that it may be taken with the greatest benefit by children or adults as a laxative nutrient in all cases of irregularity so apt to tend to bacterial poisoning.

Virolax is packed in 4 oz. and 16 oz. tins at 1/- and 2/8, and is supplied to the Trade in one dozen boxes at 10/- and 27/- per dozen. Terms: £3 orders carriage paid, less 5%. On orders over £5 an extra discount of 5% is allowed on condition that window display is made. These terms will also apply to combined orders for Virol and Virolax to the value of £3 and £5.

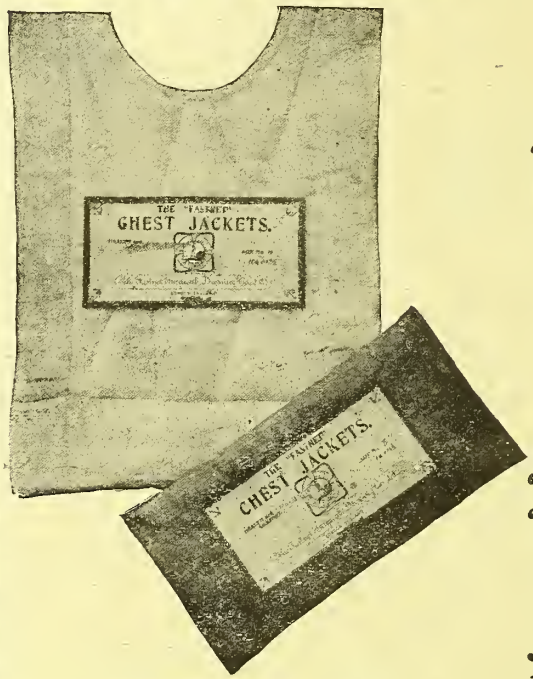
Virolax

(Registered Trade Mark).

Show cards and advertising material on application.

VIROL, Ltd., 148-166, Old Street, London, E.C.1.

WINTER IS HERE



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Colds and Chills are Prevalent.

BE PREPARED!

And get a stock of

"Fastnet" Chest Jackets

Size No.	1	...	8½″ × 7″	...	22/-	dozen
,,	2	...	10″ × 8½″	...	24/-	,,
,,	3	...	12″ × 9½″	...	26/-	,,
,,	4	...	13″ × 10½″	...	28/-	,,
,,	5	...	14¾″ × 12″	...	31/-	,,
,,	6	...	16″ × 15″	...	34/-	,,
,,	7	...	18″ × 16½″	...	37/-	,,
,,	8	...	20″ × 17½″	...	40/-	,,

Similar lines: **Nos.**

"Fastnet" Anti-Chill Vests, Sizes 3-7

"Fastnet" Body Belts - ,, 1-4

Manufactured by the "Fastnet" Surgical Dressing Co., Ltd.

Sole Agents—

JOHN TIMPSON & CO., LTD.

104/106 Golden Lane - London, E.C.1.

OYLERS' TRANSPARENT RUBBER TEATS

ENSURE PROTECTION

IN THEIR PARTICULAR PROVINCE as they are of the best manufacture, standing all tests, including boiling—are easy for the baby, and possess the characteristics of great clearness. All parts accessible and durable.

SPECIAL DESIGNS FOR SPECIAL HOME AND OVERSEAS MARKETS.

Write at once to your wholesaler and get the share of the business in your district.

OYLERS' Ltd

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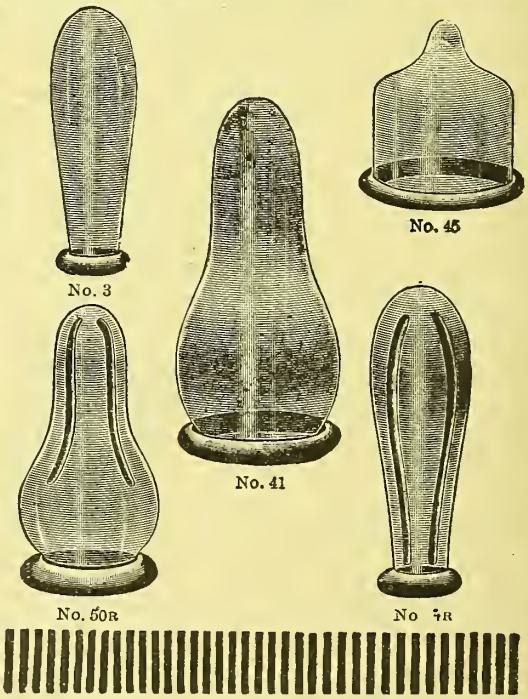

Surgical Dressings

Packed to suit Customers' requirements.

Special Quotations for Large Quantities.

ABSORBENT GAUZES
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Contractors to H.M. Government.

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Telegrams: "Carnebros, Phone, London." ABC Code, 5th Edition.
Telephones: Dalston 3560 and 2318.

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WHOLESALE AND EXPORT ONLY.

NOTICE TO THE TRADE!

Telegrams: "Kinvarage, Westcent, London."
Telephone: Museum 864.

The Directors of the

BRITISH "ANTAPSAL" Co. Ltd.

Beg to announce that during the past few weeks their Company has undergone reconstruction, and that they have taken New Premises at 38 Great Ormond Street, London, W.C. 1, to which all future orders and communications should be addressed.

The "ANTAPSAL" NASAL APPLIANCE (invisible when worn) is patented in Great Britain and abroad. It is a transparent, self-acting, continuous and curative Inhaler, which rests with feather lightness quite naturally *inside the nostrils*, and may be worn with complete comfort and without attracting attention in the street, at work or asleep, and charges every breath with a soothing health-restoring medicament. Quickly clears nose, throat and chest, relieving stuffed nostrils and hard breathing. Can be applied easily or removed in a moment, and carried in a waistcoat pocket ready for use. A simple, harmless, pleasant and effective scientific remedy; everywhere approved by medical men, the nobility, clergy, and others who have tried it.

SPECIAL OFFER TO CHEMISTS. 13 Boxes "Antapsal" 60/- net
CASH WITH ORDER.

"It's in my nose—you can't see it—I can't feel it—only its wonderful effects."

"CATARONOL" OUTFIT

for Colds, Catarrh, Bronchitis, Stuffed Nostrils, Loss of Hearing, Hay Fever, Adenoids, Headache, Sore Throat, etc. etc.

"ASBRONATOL" OUTFIT

for Chronic Bronchitis and Asthma.

TRADE DISCOUNT 20%

The Appliance is in use in the leading Hospitals. Numerous testimonials have been received from eminent users.

Press Advertising commences shortly, and all Chemists, Departmental Stores, etc., should obtain a stock in readiness.

Those who are willing to make a special Window Display should communicate with the company at once. Special terms allowed.

RETAIL PRICE: **6/6**

RETAIL PRICE: **6/6**

NOTICE TO OVERSEAS TRADERS.—The patent rights for the "ANTAPSAL" APPLIANCE in the following countries are for sale, and all inquiries respecting same should be addressed to The Managing Director, The British Antapsal Co., Ltd., 38 Great Ormond Street, London, W.C.1.: Australia, Austria, Belgium, Canada, Cape Colony, Denmark, France, Germany, Hungary, India, Italy, Norway, Portugal, Russia, Spain, Sweden, Switzerland and United States of America.

BRITISH ANTAPSAL Co. Ltd., 38 Great Ormond St., LONDON, W.C.1.

RENÉ HEYMANS

9/10 DOMINGO STREET

Tel.: CITY 3765. 36 OLD ST., E.C.1

Vulcanite DOUCHE FITTINGS
" Spare Parts
" Enema Pipes
" Whirling Spray Canules

BONE SHIELDS
BONE MOUNTS
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French CAPPING SKINS (opaque and transparent)

TOOTH COMBS
(Best Galalit)

POCKET COMBS

Cheap lines in NAIL FILES (bone and steel) carded

SAFETY RAZORS and spare blades.

French SHAVING BRUSHES

NAIL CLIPPERS.

TOOTH BRUSHES
at low prices.

And all kinds of Surgical and Hygienic Rubber Goods.

GOOD SELLING LINES, GOOD PROFITS, AND ABSOLUTE SAFETY IN STOCKING

"HOBSON'S CHOICE"

FEET PLAISTERS AND POWDERS

STOCK IS RETURNABLE AT ANY TIME, FOR ANY REASON, AND FULL PRICE REPAID.

For Prices and Samples apply to

HOBSON, TRIMBLE & CO., LTD.

Union St., and Market, LEEDS,
or your own WHOLESALE HOUSE.

VINCENT WOOD'S

(GOLD MEDAL, GUARANTEED)

Hot Water Bottles

8/- lb. 12×8 weighs under 13 oz.

Covers for same, assorted sizes, 24/- doz.

BELTS TRUSSES
SUSPENSORIES
& Surgical Appliances

AT LOWEST CURRENT RATES

91 & 93 Newington Causeway,
London, S.E. 1.

The Greatest Seller of the Century

MADE IN THREE SIZES, SMALL, MEDIUM AND LARGE.

Every Woman needs one

and the advertising in all the principal Ladies' Journals will convince them of this. The "Healthbelt" is essential for health and comfort, and doing away with the necessity for pins, tapes or fasteners of any sort, it appeals instantly for obvious reasons.

Counter Literature & Showcards ready

BE FIRST IN YOUR NEIGHBOURHOOD to stock them. Every woman customer will be a buyer without doubt.

THE PATENT HEALTHBELT CO., 12 & 13 Bouverie St., London, E.C.4.
(H. RAPHAEL) *Patents applied for in all Countries*

"NORVIC" CRÉPE BANDAGE (REGD)

SUPERIOR ENGLISH MANUFACTURE. FAST WOVEN EDGES.
Extremely Elastic, but contains no Rubber.

Invaluable for binding. Displaces rubber and elastic web. More durable and one-third the cost. The Norwich Crepe Bandages, containing wool will provide warmth, and do not absorb grease readily. Self-clinging and self-adjusting. Perfectly cleansed, sterilised, and resiliency entirely restored by washing in hot soft water (with addition of a little soap). The edges will not fray out nor ravel. Made and supplied to the leading wholesale houses, neatly wrapped in labelled packages Commended by the medical and nursing professions. Send for prices and samples to the sole manufacturers—

"Mountaineering is no longer impossible."

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Provincial Selling Agents, **Freese & Moon, Ltd.,** 59 Bermondsey Street, London, S.E.1.
London Buyers can obtain samples & prices from **Mr. T. Eastaway,** London Representative, 17 Wool Exchange, E.C.2.

MERCERISED CORDS

FOR TYING-UP PERFUMERY, &c.
CORDS FOR SPONGE BAGS
CORDS FOR SOOTHERS
MEDICAL TWINES
ALL SIZES AND COLOURS IN STOCK

The Albion S.C. Co., Ltd. FAWLEY MILLS, TOTTENHAM. **London, N.17**

PHONE—2122 TOTTENHAM. TELEGRAMS—"ENCAGED, PHONE, LONDON."

Careful Mothers insist on the NESTLÉ FEEDER

The superiority of the Nestlé Feeding Bottle is so obvious that doctors are advising it, nurses are recommending it and mothers insist on having it. Nothing is good enough for their little ones but a bottle which is perfect in hygienic construction; which cannot possibly harbour dirt or disease germs and which ensures that the food is taken without undue effort or excessive air.

Nestlé's Feeding Bottle is constructed throughout on scientific principles, it is impossible for the child to detach the teat and rubber valve which automatically cling and are made from pure plantation rubber. Colic is prevented because the flow of air behind the milk is systematically regulated. The feeder, made of virgin glass, can be tilted to and will remain at any desired angle. Its capacity is 10-oz., and every part, including the box, is thoroughly sterilized before leaving the factory.

NESTLÉ Feeding Bottle

the Cheapest full-sized Feeding Bottle on the Market.

Easy to sell; brings good profit and rapid turnover. Write to-day for full details and current trade price list.

NESTLÉ'S (Advert. Dept.),
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ON P.A.T.A.

RIGOLLOT'S MUSTARD LEAVES

FOR PLASTERS.
THE ORIGINAL.
THE **ONLY** GENUINE.

7d., 1/- & 1/7 Packets
5/3, 9/-, 14/3 per Doz.

GUYOT-GUENIN & SON
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TOMPKINS' CORNER.

SPECIAL LINES in

BED SHEETINGS

Single Texture, White proof	**2/10** yd.	36" wide
Double Faced, Stout double	**4/-**	,, ,, ,,
Double Texture, Twill ...	**4/6**	,, ,, ,,
Jaconette, White or Pink proof	**3/6**	,, 42/44" ,,
Batiste	**4/-**	,, 36" ,,

HOT WATER BOTTLES

Grey,	6 × 10 **4/9**	7 × 10 **5/-**	8 × 12 **6/-**	10 × 12 **7/-**
Red,	,, **5/-**	,, **5/6**	,, **6/6**	,, **7/6**

each

"CIRO" COT AND MUFF WARMER

Grey Rubber **2/9** each

Enquiries for all Rubber Surgical Goods solicited.

JAMES TOMPKINS, LTD.,
The Rubber House,
386 City Road, LONDON, E.C. 1.
(And at Rue d'Hauteville, Paris).
All-British Firm. Established 44 years. Phone: City 7640

"THE LEICESTER"

PERFECT

PLASTER OF PARIS BANDAGES

MANUFACTURED BY THE

ST. DALMAS & CO. Ltd. SPECIAL PROCESS

DO NOT SPOIL BY EXPOSURE.

HARDEN RAPIDLY AND SET FIRMLY.

"The Leicester" Plaster of Paris Bandages are unique. They are made by a process which incorporates the Plaster of Paris into the pores of a specially-woven fabric, and are entirely free from loose powder. The bandages have only to be dipped in water without unwinding and applied in the same way and with the same ease as ordinary open-wove bandages. Within a few minutes after application they set as hard as rock.

Sole Manufacturers—

A. DE ST. DALMAS & CO. LTD.

Makers of Every Description of Medical Plasters,

LEICESTER.

'PIFCO'
PROVINCIAL INCANDESCENT FITTINGS COMPANY LIMITED

YOU CAN NOW SELL THESE

POCKET LAMPS, CASE, BULB AND BATTERY COMPLETE 14/6 DOZ.
Carriage forward

POCKET LAMP CASES from 4/- per doz.

TORCHES, 5 to 8½" from 12/- per doz.

REFILLS, 3 months' guarantee, 7/6 per doz.

Cheapest House in the Trade.

LADIES' LAMPS (Nickel and Leather) from 12/6 per doz.

Catalogue post free to the Trade.

"PIFCO HOUSE," HIGH STREET, (1)

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MEDICINAL
GELATINE CAPSULES

Blaud Pill
Castor Oil
Cod Liver Oil
Balsam Copaiba
Sandalwood Oil

etc. etc.

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JOHN TYE & SON,
457 Caledonian Road, LONDON, N. 7.

BOXES
For the Chemist, Druggist and Sundriesman.

Send your Sizes or Samples, and we will quote you by return. No order too small. No order too large. We *KNOW* your wants and will fit you.

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Telephone: North 3747.

The Northern Tin Canister Works,
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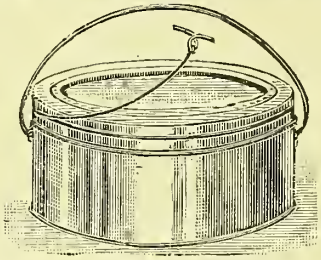
LIVERPOOL.



Manufacturers for the Chemical Trade.

TIGHT SEAMING & VARNISH BOTTLES A SPECIALITY.

Patent Air Tight Slip-lid Tin for Export.

Prompt Deliveries Assured.

New list now ready, write for copy.

BATTERIES

Buy only those with a reputation for
1—LONG LIFE. 2—RECUPERATIVE QUALITIES.
3—GUARANTEE.

All Batteries bearing this Label can be absolutely relied on.

No. 3 guaranteed 3 months
No. 4 ,, 4 ,,
No. 6 ,, 6 ,,

Packed in cardboard outers containing 3 dozen Batteries.

14 different patterns in Pocket Lamp cases in stock. Write for prices and sample collection.

MILLARD BROS. LTD., 123 Houndsditch, London, E.C.
Telegrams: "Sourcrout, Ald, London." Telephone: Avenue 3737.

New list now ready, write for copy.

"EVER-READY" manufactures include Hand Lamps and Lanterns, Pocket Lamps and Torches, Electric Fans, Bell Sets, Bed Reading Sets, Dry Cells and Batteries, Accumulators, etc. etc. We shall be pleased to forward our latest Art Catalogue (B.X.) on application to

THE EVER-READY WORKS,
Hercules Place,
Holloway, LONDON, N. 7.

"Ever-Ready"
British Made

PORTABLE ELECTRIC SPECIALITIES

Are recognised as representing the highest class.

Electric Hand Lamps.

Fitted with dry batteries. No. 1860 Price **12/6** Polished hardwood case with nickel-plated fittings and bulls-eye lens.

Spare refills 2/- each.

A strongly made, serviceable lamp.

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Handsome polished mahogany case, and heavily nickel-plated bell and fittings.

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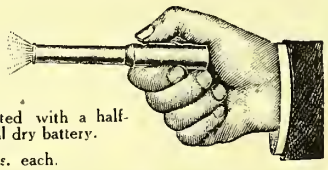

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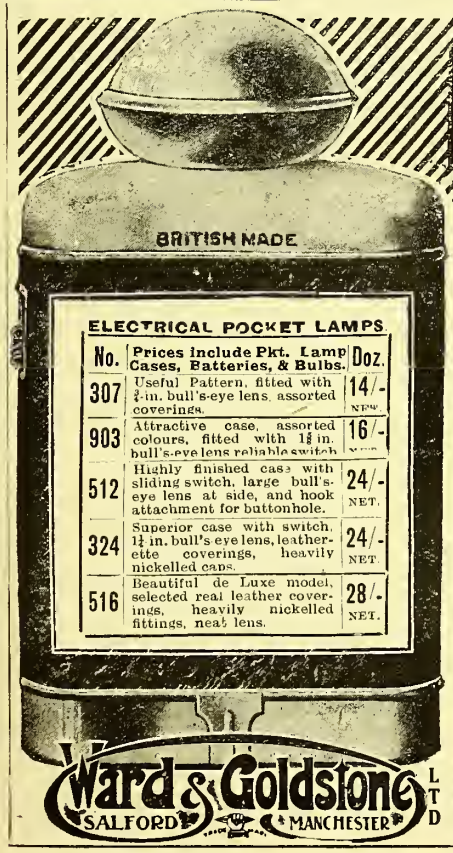

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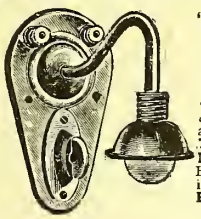

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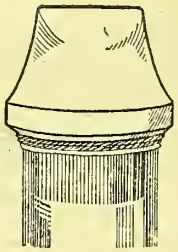

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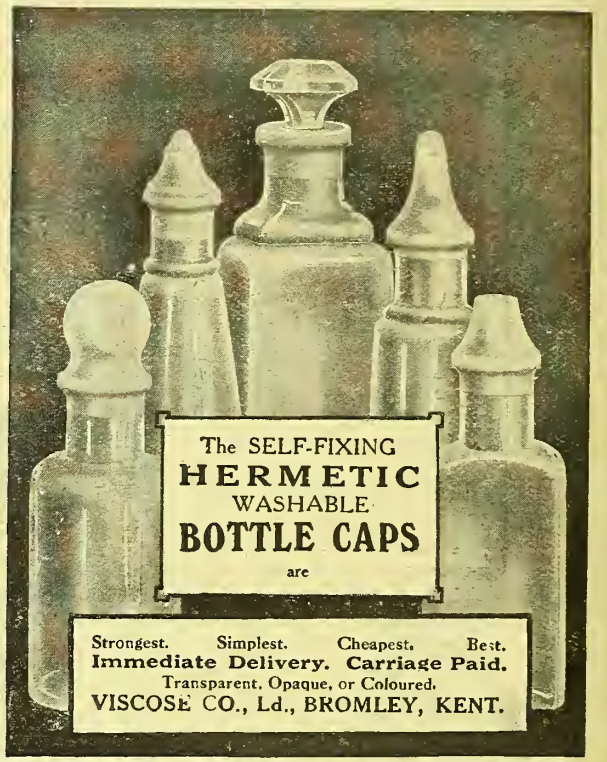

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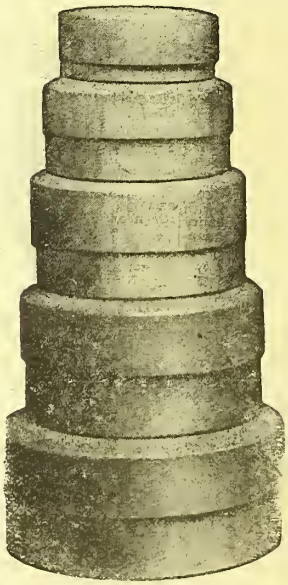

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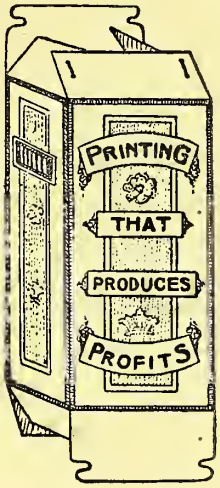

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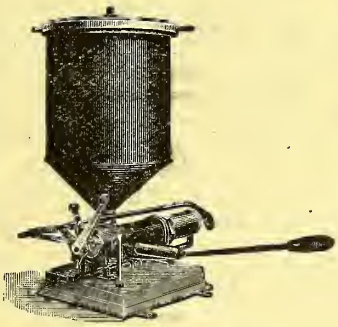

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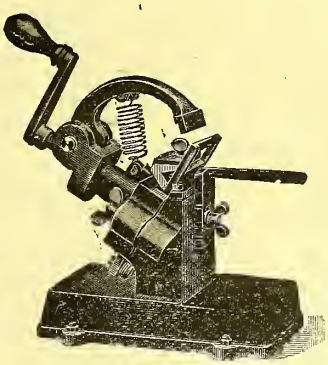

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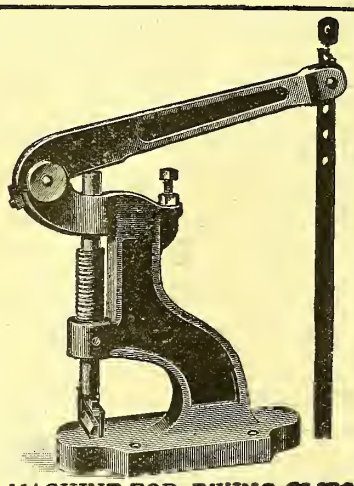

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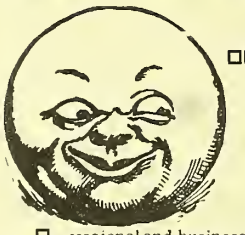

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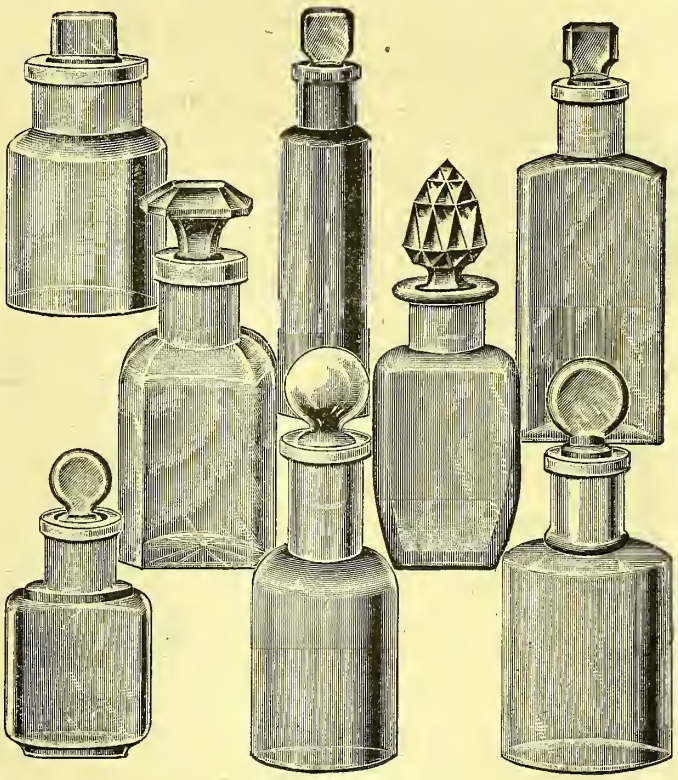

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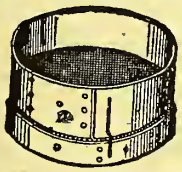

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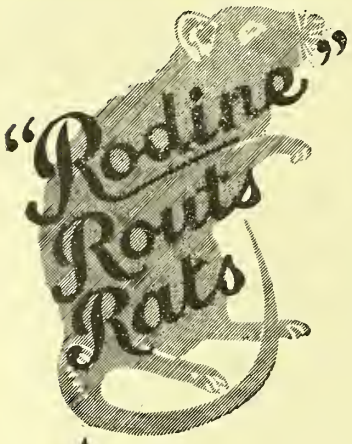

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THE CHEMIST AND DRUGGIST SUPPLEMENT

42 CANNON ST.
LONDON, E.C.4.

DECEMBER 4, 1920

This Supplement is inserted in every copy of The Chemist & Druggist

THE SUPPLY OF SUPPLEMENTS.

The clerical work in connection with the posting of spare copies of the Coloured Supplement week by week has increased to such an extent that we have been compelled to reorganise our system of distribution. Our readers will please note, therefore, that, in future, instructions can be accepted for not more than six successive issues of the Supplement at a time, and that in every case

ADDRESSED WRAPPERS STAMPED ONE PENNY

must be sent. Loose stamps will not be accepted.

EARLIER CLOSING FOR PRESS.

Will advertisers please note that until further notice it will be necessary that Advertisements intended for the Supplement must reach us not later than the FIRST POST THURSDAY MORNING.

CHEMISTS' TRANSFERS.

Messrs. ORRIDGE & CO., 56 Ludgate Hill, E.C.

Telephone No: City 2283.

May be consulted at their Offices on matters of SALE, PURCHASE, and VALUATION.

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3.—MIDDLESEX (few miles out).—Cash Retail Business, with dak Agency; returns between £30 and £35 weekly; *gross profit* %; convenient residence of 6 rooms; private entrance and rden; rent £35; 14 years' lease; price £1,200.

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5.—LONDON, E.—Drug Store; returns between £900 and ,000 per annum; *profit* £425; double-fronted shop; small use; moderate rental; price £400.

6.—SOUTH COAST.—Ready-money Business, comprising largely the sale of own Proprietaries; returns last year between 1,000 and £12,000, at good prices; further details will be nished on application.

7.—SOUTH YORKS.—Light Cash Retail Business; returns last nth £100; *net profit* 25%; scope for extended trade under ergetic management; lock-up shop; rent £30 per annum; new se will be granted.

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11.—MIDLANDS.—Wholesale Business in Packed Goods, with small Retail connection; returns about £10,000 per annum, at good prices; commodious premises, which are used entirely for business purposes; rent £60 per annum; very long lease; further details on application.

12.—POTTERIES.—Light Cash Retail Business, little N.H.I.; returns exceed £2,500; double-fronted shop, fully stocked; low rent; new lease will be granted; price for immediate transfer £1,250.

13.—YORKSHIRE.—Cash Retail and Photographic Business; returns £3,000 per annum, at usual prices; lock-up shop; rent £80; held on lease; terms, valuation of stock and fixtures and £200 for goodwill.

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Make a Speciality of the examination and reporting fully to Vendors or Purchasers as to Value, Prospects, Conduct, &c., on Moderate Terms.

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ALTERED VALUES of DRUGS, &c., make STOCK-TAKING A COMPULSORY but WISE MEASURE. FURTHERMORE, it must be priced WITH DUE REGARD TO PRESENT VALUES.

Before making arrangements, write me for estimates under my various schemes.

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With connection amongst Chemists, to introduce high-class lines of
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Write, Box 7/18D, Office of this Paper.

GENT required for introducing "Liquid Ice," the famous remedy for Rheumatics, Neuritis, etc., as a side-line in the uthern Counties and South Coast towns. Reply direct to The quid Ice Co., Ltd., 100 Jermyn Street, London, S.W. 1.

GENTS on commission wanted to represent Perfumery d'Orsay in the following towns: Birmingham, Cardiff, Liver-ool, Glasgow, Edinburgh, and Hull; only responsible persons with od connection accepted. Apply to Sole Agents, J. Nassan & ., 129 Wool Exchange, London, E.C. 2.

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IDLANDS.—Immediate possession can be had of good-class Drug Store in suburbs of large town; good house, with bath-om; rent £30 and rates; well fitted and stocked; last year's kings nearly £1,200; grand opportunity for qualified man, who uld greatly increase; reason for sale, leaving the town; price 50. Apply 197/18, Office of this Paper.

HEMIST and Druggist's Business, in Glasgow, Hillhead dis-trict; established over 50 years; Dispensing and General tail; moderate stock and first-class furnishings and fittings; rt £50. Particulars from Wm. Jas. Mitchell, Writer, 48 West orge Street, Glasgow.

OOD-CLASS Light Retail, Dispensing, own Preps., etc., in pleasant district; returns are about £4,000, with good ofit; illness sole cause of sale; full details to buyers, who st give references; price about £3,000. Apply 48/16B, Office this Paper.

O Let, lock-up Shop, partially fitted as Drug Store, on sea front, South Coast health resort; splendid opening for soda ntain; gas fires, electric light, etc. 196/9, Office of this Paper.

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IRMINGHAM or SUBURBS.—Chemist's Business wanted, showing not less than £400 net profit annually; good living commodation; long lease; purchaser's residence (every conveni-ce) could be bought if desired; fullest particulars in confidence. ply 261/12, Office of this Paper.

USINESS wanted immediately; Lancashire preferred; cash available; turnover round about £2,000; preferably with ing accommodation; would consider working partnership with w to succession. Details in confidence to Heaton, "Wood-e," Queen's Road, Accrington.

CASH Retail Business required; good house attached; prompt cash. Reply, in confidence, to T. A. D. (196/33), Office of this Paper.

DRUG Store or Chemist's Business wanted; suit qualified or unqualified man; neglected business not objected to if position is good; Midlands preferred, but not essential; kindly give full particulars in first instance, which will be treated with strict confidence. Apply 195/25, Office of this Paper.

WANTED, good-class Pharmacy in Channel Islands or South Coast; good turnover; preferably with Photographic; particulars in strictest confidence. Apply 196/30, Office of this Paper.

WANTED, Retail Chemist's Business; must be genuine concern and stand every investigation; good turnover essential; any county; would not object to management with view to succession; prompt cash available; all replies treated with strict confidence. Send full particulars in first letter to "Rhei," 60 Church Road, Tilbury Docks, Essex.

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BIRMINGHAM.—Young, unqualified Assistant, about 18 to 22 years, for quick middle-class Retail business. Apply, stating age, when disengaged, and salary required, to 195/29, Office of this Paper.

EAST LANCASHIRE.—Qualified lady Assistant wanted, with view to management of branch; progressive salary; also expert Dispenser and Window-dresser for busy business; not afraid of work; unqualified; commencing salary £3 15s. per week; must be sober and punctual. Apply 197/4, Office of this Paper.

LONDON, N.W.—Reliable qualified Manager for brisk Cash, Middle- and Working-class Retail; good Salesman and Window-dresser essential; scope for good man; permanency if suitable. Apply, stating age, experience, references (2 last places), and salary required (photo, if possible), Ascott & Co., 1098 Harrow Road, N.W.

LONDON, N.W.—Assistant wanted, with view to partnership or succession; returns at present nearly £60 weekly, standard retail prices; could easily do £100 weekly; best position in very busy, good-class neighbourhood; no Poisons sold; single man preferred on account of housing difficulty; in answering, please give latest references and mention capital at command. "Drugs" (197/10), Office of this Paper.

LONDON, W. 10.—Wanted (at once), smart Junior Assistant; good-class Dispensing, Family, and Photographic business. Apply, with full particulars, stating salary required (outdoors), to J. R. Faulkner & Co., 173 Ladbroke Grove.

MANCHESTER.—Qualified gentleman required to take charge of branch; Light Retail, Dispensing, and Photographic trade. Apply, stating age, experience, and salary required, to 208/1, Office of this Paper.

ASSISTANT; outdoors; must be energetic, quick, and reliable Dispenser; permanency; state salary required, references, and photo if possible. Wilkes, Pharmacist, Swanage, Dorset.

ASSISTANT; outdoors; ordinary Retail and Dispensing (N.H.I.) with Photography; no Sunday duty; one o'clock Thursday. 335 Lea Bridge Road, Leyton.

ASSISTANT (outdoors), London, S.W.; must be expert Window-dresser and used to a brisk Cash trade. In reply, please state age, experience, references, salary, etc., to 196/14, Office of this Paper.

ASSISTANT wanted for good-class Dispensing and Counter Busi-ness; must be steady and reliable; free house. Usual par-ticulars, references, and photo to Wilson, Chemist, "Little Easton," Crowborough.

ASSISTANT (unqualified) wanted, with good experience. Apply (personally if possible), International Stores, Drug Depart-ment, 67 High Street, North Finchley, N. 12.

BRANCH Manager required end of January; qualified; single; accustomed to good-class country business; easy hours; state salary required. Robertson, Pharmacist, Axbridge, Som.

COMPETENT lady Assistant wanted for Dispensing and Counter work in good-class business; indoors; state age, experience, and salary required, and enclose photo. Apply 196/4, Office of this Paper.

IMPROVER wanted for E.C. district; must be smart, honest, and have first-class references. Apply 298 Harrow Road, Paddington, W.

JANUARY 1st.—F.S.M.C., M.P.S., required for good Optical connection; first-rate gentleman required, with good experience, and able to do repairs; salary £270, £280, £300; three years' agreement. Newton, Holly Bank, Yeovil, Somerset.

JUNIOR or Improver required at once; accustomed to brisk Retail and N.H.I. Dispensing. Apply, giving full particulars of age, experience, and salary required (outdoors), to F. Heap, Victoria Pharmacy, Ellland.

JUNIOR Assistant or Improver required for Staffordshire. Apply, with usual particulars and photo (to be returned), to Lands, Cash Chemists, Coalville.

JUNIOR Assistant for good-class Family and Dispensing business; Counter, Stock, etc.; outdoors. Full particulars, experience, salary required, etc., to H. C. Neve, 10 Victoria Parade, Norbury, S.W. 16.

JUNIOR Assistant, unqualified, young, energetic, and accustomed to good-class Retail and Dispensing. Apply, stating salary required (outdoor), with reference and full particulars, Boutalls, Ltd., 150 Southampton Row, W.C. 1.

JUNIOR Assistant (male), unqualified, used to brisk Counter trade, Stock, and N.H.I. Dispensing. Please state salary required, with references, etc., to J. Patterson, 52 Ilford Lane, Ilford, Essex.

LADY Chemist wanted, to manage business in West Riding Yorks; one other lady assistant kept; light duties and reasonable hours; no Sunday duty. Please send photo and all particulars to "Oxygen" (197/6), Office of this Paper.

"PROGRESS" begs to thank the many applicants for the post of Senior in his Pharmacy, and to be excused from answering each personally. The post is now filled.

QUALIFIED Manager required at once, permanency, age 30 to 40, good Dispenser and Counterman essential, energetic and trustworthy, for middle-class trade. Apply, stating age, references, details of experience, with photo, salary required, to "Cortex" (195/26), Office of this Paper.

QUALIFIED Assistant wanted for high-class Dispensing business. State salary required (outdoors), and usual particulars, and enclose photo, to H. R. Browne, Pharmaceutical Chemist, 1 Cornfield Road, Eastbourne.

QUALIFIED Manager wanted (at once), temporary appointment, for about six weeks, to manage small branch at High Street, Witham, Essex. Apply, giving full particulars, to T. Bellamy, Pharmaceutical Chemist, Chelmsford.

RELIABLE Junior Assistant wanted; age about 20, or one just out of apprenticeship; easy hours; no Sunday duty. State full particulars, references, salary, etc. (outdoors), to Johnson, Chemist, Stamford.

S. F. GOSS, LTD., require an unqualified Assistant with knowledge of West-End Dispensing, Window-dressing, and Counter. Apply Frank B. Arnold, General Manager, 134 Kensington High Street, W. 8.

WANTED, unqualified Assistant, competent to take charge of Counter, assist in Dispensing if necessary; good Stockkeeper essential; state terms and experience. Apply "Lancashire" (195/28), Office of this Paper.

WANTED, qualified Chemist-Optician to manage business for about three months, January. Please state wages and full particulars to 251/36, Office of this Paper.

WANTED, part-time Assistant, principally for the Counter. Apply, stating hours of liberty, Quibell, Chemist (opposite the Station), Golders Green, N.W.

WANTED, a Dispenser for morning and evening Surgery Apply, stating age, experience, qualification, and salary required, to Dr. A. D. Lewis, 15 Stamford Hill, N. 16.

WANTED, an experienced qualified Assistant for high-class Retail and Dispensing business; competent to take entire charge when required; one with Optics qualification preferred; to an energetic and suitable man an interest in the firm might be arranged. 197/3, Office of this Paper.

WANTED, an elderly qualified Chemist for S.W. district; light duties; short hours. Apply W. P. (197/33), Office of this Paper.

WHOLESALE.

WEST OF ENGLAND.—Representative, with live connection, wanted (immediately) for the West of England by well-known and old-established firm, specialising in Pills and Tablets, commission basis; part time not objected to if other lines do not clash; applications giving full particulars will be treated in strictest confidence. Replies, "Merton" (16/50), Office of this Paper.

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A NATIONAL ADVERTISER, whose Toilet Goods are well-known to Chemists throughout the United Kingdom, needs representation in

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Gentlemen now covering these territories open to carry quick-selling lines on a 15% commission basis should write for full particulars to

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LEIGHTON & LONSDALES, LTD.,
263 High Holborn, W.C. 1.

A CHEMIST wanted to undertake spare time investigation into Iodinated Compounds; interview London. Apply, full particulars, 195/7, Office of this Paper.

COUNTRY Representative, able to sell Pills and Tablets, bulk and boxed, to Wholesale and Retail, offered small salary, good commission; state ground covered and what offering. Apply 196/39, Office of this Paper.

PERFUMERY.

ASSISTANT required, able to take charge of Perfumery manufacture, one with good knowledge of blending, and ability to cultivate original ideas for putting upon the market new lines; knowledge of the manufacture of Toilet Preparations generally would be an advantage. Apply 36/51, Office of this Paper.

ENERGETIC young man with knowledge of Drugs, Chemicals, to call upon Doctors, Chemists, Hospitals. Full particulars to "Midlands" (195/32), Office of this Paper.

REPRESENTATIVE wanted for Scotland and Northern Counties; must possess a sufficiently strong connection with high-class Chemists to be able to command orders; Toilet, Packed Goods, and Compressed Tablets; salary, expenses, and liberal commission; permanent position to the right man. Apply, with full particulars, to White Band Manufacturing Co., Ltd., Croydon, Surrey.

PROVINCES.—Wanted for Packed Goods Department, an experienced Working Manager; male or female; used to control of staff and stock; accustomed to costing. Apply, with all possible details, 48/17B, Office of this Paper.

REPRESENTATIVE required by a London firm of Wholesale Toilet Specialists and Druggists' Sundriesmen to call on London Wholesale houses and large Stores; must be energetic and of good address. Apply, in first instance, giving previous experience, to 36/498, Office of this Paper.

REPRESENTATIVE wanted for Lancashire, accustomed to calling upon Chemists, Manufacturers of Confectionery and Chocolates, Mineral Waters, Sugar Boilers, to offer Flavouring Essences, Essential Oils, Colours, etc.; must give fullest information in first instance by letter, age, salary, experience, when at liberty, in strictest confidence. 37/130, Office of this Paper.

REPRESENTATIVES Required for S.W. England and S. Wales, also for North of England and the Midlands, for established Toilet lines; must have live connection with Chemists. Full particulars, with ground covered, 21/16L, Office of this Paper.

SURGICAL Instrument Business.—Experienced Assistant Address, stating duties accustomed to, age, and wages expected, 196/3, Office of this Paper.

TRAVELLER.—Required, by firm of London Manufacturers, a thoroughly experienced Traveller for Great Britain, with established connections amongst Wholesale Tobacco and Confectionery houses and Manufacturing Chemists. Write, giving full particulars of previous experience, age, and terms required, to "O. O.," c/o J. W. Vickers & Co., Ltd., 5 Nicholas Lane, E.C. 4.

WANTED, first-rate experienced Travellers with connections amongst Chemists, Wholesalers, and Grocers by a firm of Manufacturing Chemists marketing a variety of goods. State age, ground covered, salary, and full particulars, to 43/21W, Office of this Paper.

YOUNG Chemist required in the Analytical Laboratories of a large firm of Manufacturing Chemists near London; he should be about 25 years of age, unmarried, have the Pharmaceutical qualification, and decided capacity for Analytical Chemistry; should also be prepared to go abroad if necessary; salary £300. Apply, giving full particulars of training, experience, etc., to 48/15B, Office of this Paper.

SITUATIONS OPEN.

(Colonial, Indian and Foreign.)

The Advertiser may, if preferred, have replies addressed to this Office, and forwarded on payment of an additional charge of 1/-.

ST. MORITZ (SWITZERLAND).—Qualified English Chemist required for about December 20 or January 1; extra language and Continental experience an advantage; salary 500 frs. per month and room free; travelling allowance 300 frs. Full particulars, in first letter, to International Pharmacy.

SITUATIONS WANTED.

[HOME.]

RETAIL.

2s. for 18 words or less; 6d. for every additional 10 words or less, prepaid.

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A.A.—UNQUALIFIED; Dispenser's post desired at once; London or suburbs; state salary and full particulars. Miss Rumsey, 128 Belgrave Road, S.W.

A. H. COOPER, M.P.S., 5 The Vineyards, Bath, open for temporary engagements.

A £4 10s. OFFER?—Qualified (26); Manager or Assistant; business-builder; experienced, trustworthy, progressive; middle-class; Salesmanship, Dispensing, Photographic. Apply 197/27, Office of this Paper.

A LADY Assistant, 22, unqualified, desires position, permanent or Locum, Counter, Stock, Dispensing; London only. Apply 255/29, Office of this Paper.

A QUALIFIED Chemist desires responsible position, Manager, Locum, etc.; 15 years' references; energetic, resourceful, trustworthy. 13 Coniger Road, Fulham, S.W. 6.

A RELIABLE, experienced Assistant, accustomed to take charge; £3 10s. weekly; good references. "Chemist," 6 Eastbourne Terrace, London, W. 2.

AS Assistant; 25; 3½ years' apprenticeship, three months' experience as Assistant. Apply M. L. (14753), Office of this Paper.

AS Secretary to Hospital, etc.; age 43; married; 14 years' experience in business on own account as Chemist, also nine months' experience as Chemist's Manager. Apply "M. L." 94021, Office of this Paper.

AS qualified Manager or Locum; disengaged; good all-round experience; town or country. John Fraser, 57 Cranbury Road, Fulham, S.W.

AS Branch Manager, Assistant, or Locum (30); tall; disengaged; excellent all-round experience. "M.P.S.," The Mount, Renlade, Taunton.

AS Chemist Assistant; unqualified; age 29; London or country; good experience in Dispensing, Retail, and Photography; London experience. State salary and hours to "Rhei" (197/29), Office of this Paper.

AS Manager (20 years), experienced, qualified, sober, industrious; Buyer; Locum work entertained; now disengaged; view to purchase. 39 Church Avenue, East Sheen, S.W. 14.

ASSISTANT; 27; apprenticeship and three years' experience as Assistant. Apply M. L. (97257), Office of this Paper.

ASSISTANT, Managing or Senior; unqualified; City preferred; experienced; disengaged. Reply "Statim," 72 Tremadoc Road, Clapham, S.W.

ASSISTANT requires temporary situation; good experience. J. D. Morgan, 4 St. Aidan's Road, Treherbert, Glam.

ASSISTANT (22); 5 years' experience; not afraid of work; disengaged; good references. Owen, Plas Theiwal, Benllech, Anglesey.

ASSISTANT (24), tall, desires situation; good all-round experience. Hoare, Westbourne, Ivybridge, S. Devon.

ASSISTANT or Senior; good all-round experience; 46; single; at liberty; Locum or permanency; accustomed to take charge (unregistered). J. G., "Stennicott," 67 Alexandra Road, Newport, Mon.

ASSISTANT (25); 11 years' good-class experience Dispensing, Counter, and Photography; competent and reliable; please give full particulars. "Provincial" (197/19), Office of this Paper.

CHEMIST; qualified; age 21; single; educated Sunderland Technical College and Westminster College. Apply "M. L." 89070, Office of this Paper.

CHEMIST'S Assistant; 26; single; knowledge of French; three years' apprenticeship, two years' experience as Assistant; passed all subjects in Minor except Pharmacy. Apply "M. L." 254364, Office of this Paper.

CHEMISTS' Assistant; qualified; 23; single; some knowledge of French; three years' apprenticeship. Apply M. L. (243098), Office of this Paper

DO you require a Manager or Senior?—Qualified, experienced, honest, capable, energetic ex-service man offers his services for a fair remuneration; permanency preferred; town or country; disengaged. Apply 197/17, Office of this Paper.

DISENGAGED, unqualified, capable man desires situation, Assistant; Dispenser, Counter, Stock; London, provinces; open for permanent, Locum, or winter engagement; night work or Sundays. Overton, Burghfield, Reading.

DISENGAGED; qualified; æt. 46; wide experience; Manager or Locum; London preferred. "Chemist," 108b Elgin Avenue, W. 9.

DISPENSER; unqualified; 25; four years' experience as Assistant. Apply M. L. (18518), Office of this Paper.

DISPENSER (Hall), lady, experienced, references, seeks post; Doctor or Institution. Hall, 26 Monmouth Road, Dorchester.

COMPETENT lady Assistant wanted for Dispensing and Counter work in good-class business; indoors; state age, experience, and salary required, and enclose photo. Apply 196/4, Office of this Paper.

IMPROVER wanted for E.C. district; must be smart, honest, and have first-class references. Apply 298 Harrow Road, Paddington, W.

JANUARY 1st.—F.S.M.C., M.P.S., required for good Optical connection; first-rate gentleman required, with good experience, and able to do repairs; salary £270, £280, £300; three years' agreement. Newton, Holly Bank, Yeovil, Somerset.

JUNIOR or Improver required at once; accustomed to brisk Retail and N.H.I. Dispensing. Apply, giving full particulars of age, experience, and salary required (outdoors), to F. Heap, Victoria Pharmacy, Ilkeston.

JUNIOR Assistant or Improver required for Staffordshire. Apply, with usual particulars and photo (to be returned), to Lands, Cash Chemists, Coalville.

JUNIOR Assistant for good-class Family and Dispensing business; Counter, Stock, etc.; outdoors. Full particulars, experience, salary required, etc., to H. C. Neve, 10 Victoria Parade, Norbury, S.W. 16.

JUNIOR Assistant, unqualified, young, energetic, and accustomed to good-class Retail and Dispensing. Apply, stating salary required (outdoor), with reference and full particulars, Boutalls, Ltd., 150 Southampton Row, W.C. 1.

JUNIOR Assistant (male), unqualified, used to brisk Counter trade, Stock, and N.H.I. Dispensing. Please state salary required, with references, etc., to J. Patterson, 52 Ilford Lane, Ilford, Essex.

LADY Chemist wanted, to manage business in West Riding Yorks; one other lady assistant kept; light duties and reasonable hours; no Sunday duty. Please send photo and all particulars to "Oxygen" (197/6), Office of this Paper.

"PROGRESS" begs to thank the many applicants for the post of Senior in his Pharmacy, and to be excused from answering each personally. The post is now filled.

QUALIFIED Manager required at once, permanency, age 30 to 40, good Dispenser and Counterman essential, energetic and trustworthy, for middle-class trade. Apply, stating age, references, details of experience, with photo, salary required, to "Cortex" (195/26), Office of this Paper.

QUALIFIED Assistant wanted for high-class Dispensing business. State salary required (outdoors), and usual particulars, and enclose photo, to H. R. Browne, Pharmaceutical Chemist, 1 Cornfield Road, Eastbourne.

QUALIFIED Manager wanted (at once), temporary appointment, for about six weeks, to manage small branch at High Street, Witham, Essex. Apply, giving full particulars, to T. Bellamy, Pharmaceutical Chemist, Chelmsford.

RELIABLE Junior Assistant wanted; age about 20, or one just out of apprenticeship; easy hours; no Sunday duty. State full particulars, references, salary, etc. (outdoors), to Johnson, Chemist, Stamford.

S. F. GOSS, LTD., require an unqualified Assistant with knowledge of West-End Dispensing, Window-dressing, and Counter. Apply Frank B. Arnold, General Manager, 134 Kensington High Street, W. 8.

WANTED, unqualified Assistant, competent to take charge of Counter, assist in Dispensing if necessary; good Stockkeeper essential; state terms and experience. Apply "Lancashire" (195/28), Office of this Paper.

WANTED, qualified Chemist-Optician to manage business for about three months, January. Please state wages and full particulars to 251/36, Office of this Paper.

WANTED, part-time Assistant, principally for the Counter. Apply, stating hours of liberty, Quibell, Chemist (opposite the Station), Golders Green, N.W.

WANTED, a Dispenser for morning and evening Surgery Apply, stating age, experience, qualification, and salary required, to Dr. A. D. Lewis, 15 Stamford Hill, N. 16.

WANTED, an experienced qualified Assistant for high-class Retail and Dispensing business; competent to take entire charge when required; one with Optics qualification preferred; to an energetic and suitable man an interest in the firm might be arranged. 197/3, Office of this Paper.

WANTED, an elderly qualified Chemist for S.W. district; light duties; short hours. Apply W. P. (197/33), Office of this Paper.

WHOLESALE.

WEST OF ENGLAND.—Representative, with live connection, wanted (immediately) for the West of England by well-known and old-established firm, specialising in Pills and Tablets, commission basis; part time not objected to if other lines do not clash; applications giving full particulars will be treated in strictest confidence. Replies, "Merton" (16/50), Office of this Paper.

A NATIONAL ADVERTISER WANTS SALESMEN.

A NATIONAL ADVERTISER, whose Toilet Goods are well-known to Chemists throughout the United Kingdom, needs representation in

SCOTLAND, LANCASHIRE, YORKSHIRE, BRISTOL.

Gentlemen now covering these territories open to carry quick-selling lines on a 15% commission basis should write for full particulars to

BOX 629,
LEIGHTON & LONSDALES, LTD.,
263 High Holborn, W.C. 1.

A CHEMIST wanted to undertake spare time investigation into Iodinated Compounds; interview London. Apply, full particulars, 195/7, Office of this Paper.

COUNTRY Representative, able to sell Pills and Tablets, bulk and boxed, to Wholesale and Retail, offered small salary, good commission; state ground covered and what offering. Apply 196/39, Office of this Paper.

PERFUMERY.

ASSISTANT required, able to take charge of Perfumery manufacture, one with good knowledge of blending, and ability to cultivate original ideas for putting upon the market new lines; knowledge of the manufacture of Toilet Preparations generally would be an advantage. Apply 36/51, Office of this Paper.

ENERGETIC young man with knowledge of Drugs, Chemicals, to call upon Doctors, Chemists, Hospitals. Full particulars to "Midlands" (195/32), Office of this Paper.

REPRESENTATIVE wanted for Scotland and Northern Counties; must possess a sufficiently strong connection with high-class Chemists to be able to command orders; Toilet, Packed Goods, and Compressed Tablets; salary, expenses, and liberal commission; permanent position to the right man. Apply, with full particulars, to White Band Manufacturing Co., Ltd., Croydon, Surrey.

PROVINCES.—Wanted for Packed Goods Department, an experienced Working Manager; male or female; used to control of staff and stock; accustomed to costing. Apply, with all possible details, 48/17B, Office of this Paper.

REPRESENTATIVE required by a London firm of Wholesale Toilet Specialists and Druggists' Sundriesmen to call on London Wholesale houses and large Stores; must be energetic and of good address. Apply, in first instance, giving previous experience, to 36/49S, Office of this Paper.

REPRESENTATIVE wanted for Lancashire, accustomed to calling upon Chemists, Manufacturers of Confectionery and Chocolates, Mineral Waters, Sugar Boilers, to offer Flavouring Essences, Essential Oils, Colours, etc.; must give fullest information in first instance by letter, age, salary, experience, when at liberty, in strictest conndence. 37/130, Office of this Paper.

REPRESENTATIVES Required for S.W. England and S. Wales, also for North of England and the Midlands, for established Toilet lines; must have live connection with Chemists. Full particulars, with ground covered, 21/16L, Office of this Paper.

SURGICAL Instrument Business.—Experienced Assistant Address, stating duties accustomed to, age, and wages expected, 196/3, Office of this Paper.

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AS Secretary to Hospital, etc.; age 43; married; 14 years' experience in business on own account as Chemist, also nine months' experience as Chemist's Manager. Apply "M. L." 94021, Office of this Paper.

AS qualified Manager or Locum; disengaged; good all-round experience; town or country. John Fraser, 57 Cranbury Road, Fulham, S.W.

AS Branch Manager, Assistant, or Locum (30); tall; disengaged; excellent all-round experience. "M.P.S.," The Mount, Henlade, Taunton.

AS Chemist Assistant; unqualified; age 29; London or country; good experience in Dispensing, Retail, and Photography; London experience. State salary and hours to "Rhei" (197/29), Office of this Paper.

AS Manager (20 years), experienced, qualified, sober, industrious; Buyer; Locum work entertained; now disengaged; view to purchase. 39 Church Avenue, East Sheen, S.W. 14.

ASSISTANT; 27; apprenticeship and three years' experience as Assistant. Apply M. L. (97257), Office of this Paper.

ASSISTANT, Managing or Senior; unqualified; City preferred; experienced; disengaged. Reply "Statim," 72 Tremadoc Road, Clapham, S.W.

ASSISTANT requires temporary situation; good experience. J. D. Morgan, 4 St. Alban's Road, Treherbert, Glam.

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ASSISTANT (24), tall, desires situation; good all-round experience. Hoare, Westbourne, Ivybridge, S. Devon.

ASSISTANT or Senior; good all-round experience; 46; single; at liberty; Locum or permanency; accustomed to take charge (unregistered). J. G., "Stennicott," 67 Alexandra Road, Newport, Mon.

ASSISTANT (25); 11 years' good-class experience Dispensing, Counter, and Photography; competent and reliable; please give full particulars. "Provincial" (197/19), Office of this Paper.

CHEMIST; qualified; age 21; single; educated Sunderland Technical College and Westminster College. Apply "M. L." 89070, Office of this Paper.

CHEMIST'S Assistant; 26; single; knowledge of French; three years' apprenticeship, two years' experience as Assistant; passed all subjects in Minor except Pharmacy. Apply "M. L." 254364, Office of this Paper.

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DISPENSER; unqualified; 25; four years' experience as Assistant. Apply M. L. (18518), Office of this Paper.

DISPENSER (Hall), lady, experienced, references, seeks post; Doctor or Institution. Hall, 26 Monmouth Road, Dorchester.

DISPENSER (Hall), daily; experienced; Doctor or Institution; if Chemist Dispensing only; disengaged. Miss Warrington, 48 Buckleigh Road, Streatham.

DISPENSER; mornings, afternoons; experienced Wholesale and Retail. Whitehead, 3 Bevan Street, Islington, N.

DISPENSER, etc.; qualified Chemist (Minor exam.); elderly; tall; 5½ years' war service; low wages; any capacity or locality. Henderson, 25 Miranda Road, Upper Holloway, N. 19.

DISPENSER, lady (Hall), requires post with Doctor or Chemist; seven years' experience with Chemist and one year with Doctor. 2 Selwyn Road, Upton Manor, E. 13.

DISPENSER, BOOKKEEPER, SECRETARY, Etc..—Lady desires post with Doctor near London; good testimonials. Miss Borrow, 16 Church Terrace, S.E. 13.

EVENINGS.—Clerk desires Bookkeeping with Chemist; has been a Dispenser 3 years. "Statim," 29 Bishop's Road, Fulham, S.W. 6.

EX-V.A.D. Nurse-Dispenser (Hall) desires post, anywhere British Isles or abroad; Secretarial work, Surgery assistance, or light duties. P.C.B. 40/15, Office of this Paper.

EXPERIENCED Assistant, Dispensing, Counter, disengaged, desires immediate employment; married. V., 3 Rectory Square, Stepney, E.

EXPERIENCED, middle-aged, unqualified; capable to take charge; good appearance and address. L. H. P., 3 Wyndham Street, Marylebone Road, W.

EXPERIENCED all-round Assistant, tall, 38, married, desires good situation; permanency. "Statim," 23 Doughty Street, Holborn, W.C.

EXPERIENCED Dispenser, lady (Hall); thorough knowledge Hospital, Surgery (Bookkeeping), Institution; excellent testimonials; London or near. Apply 196/38, Office of this Paper.

JUNIOR Assistant desires a post; just out of three years' apprenticeship of a good Retail and Dispensing business; age 20; Wholesale business not objected; London district preferred. Apply 195/23, Office of this Paper.

LADY Assistant requires post as N.H.I. Dispenser and Counter; five years' experience; excellent references; outdoors; London, S.W. preferred. Reply 83 Brecknock Road, Holloway, London, N.

LADY Dispenser (23), Hall, seeks post with Doctor or Institution; three years' experience. Apply Miss Norton, Henley House, Summertown, Oxford.

LADY Dispenser, young, Hall qualifications, would come for board only to gain experience; willing to assist at Sales Counter for three months if guaranteed situation afterwards. Apply 196/31, Office of this Paper.

LOCUM; qualified; disengaged. Snoxell, 75 Woodbridge Road, Guildford.

LOCUM, relief, or evenings; N.H.I. and Counter; unqualified; terms moderate; easy reach Leytonstone. "Rhei," 90a Pearcroft Road, Leytonstone, E. 11.

LOCUM (temporary Manager) for Xmas and New Year, or at once; highest references; experienced in high-class trade; fluent French; town or country. 197/22, Office of this Paper.

M.P.S., EX-OFFICER, requires post with a view to succession; Yorkshire preferred, but not essential. 197/70, Office of this Paper.

M.P.S., arm amputation; experienced, young, energetic; small salary. Apply 195/31, Office of this Paper.

MANAGER, qualified; 45; married; expert Salesman, Buyer, Dispenser, with Photographic experience; good appearance; open to immediate engagement. Address "Chemist," 50 Heald Place, Rusholme, Manchester.

MANAGER, qualified, married, disengaged; long and wide experience in all branches; town or country; good Prescriber and smart Window-dresser. Details and salary to "Omar," 26 Fox Hill, S.E. 19.

MANAGER, with view to succession (31), desires position, now or near future. 197/23, Office of this Paper.

FIVE POUNDS
PROCURES PROGRESSIVE
PHARMACIST.

Apply "Pterodactyle" (195/24), Office of this Paper.

PERMANENCY or Locum; Chemist or Institute; elderly. "Pharmacist," 88 Trafalgar Road, Wallasey.

POST required with Doctor or Institution; Hall qualification; Bookkeeping; anywhere in British Isles. Farrow, 65 Mayfair Avenue, Ilford, Essex.

QUALIFIED Assistant in shop or factory; 27; single; seven years' experience. Apply "M. L." 98444, Office of this Paper.

QUALIFIED Dispenser desires evening Dispensing; in or near Richmond. Miss "G." (263/21), Office of this Paper.

QUALIFIED, 25, desires position; thoroughly reliable; excellent experience and references. Guy, 8 Bridson Street, Oldham.

QUALIFIED, 26, requires position Branch Manager or Assistant; good-class business; best experience; disengaged end of year; North preferred; state terms, etc. Apply 258/6, Office of this Paper.

QUALIFIED Manager or Assistant (24); worker; experienced. Details and salary, Rigby, 47 Sandy Lane, Skelmersdale.

QUALIFIED Manager, Locum, Assistant; exceptionally good all-round experience, London and country; highest references. "Idem," 51a Bedford Road, Clapham, S.W.

QUALIFIED (49), single; work of any capacity; urgent; living only required. "Chemist," 16 May Street, Leamore, Walsall.

QUALIFIED Chemist (26) seeks engagement as Assistant, Manager, or Partner; capital available, £200. Reply to 196/27, Office of this Paper.

SATURDAY Relief; whole or half day; qualified; experienced and reliable. Offers to "Pharmacist," 79 The Grove, Hammersmith.

TEMPORARY or permanency; large, varied, Manager's experience, including good-class Agricultural, Shipping, etc. "Chemicus," 3 Godfrey Road, Newport, Mon.

UNQUALIFIED Assistant; 35; married; fluent French; 10 years' first-class experience. Apply M. L. (98699), Office of this Paper.

UNQUALIFIED (24), 6 years' good experience Counter and Dispensing; 5 ft. 9 in. in height; gentlemanly appearance; permanency preferred; excellent references; duty immediately. "Frolew," 31 Princes Street, Kettering.

UNQUALIFIED (24 years of age) desires post in Pharmacy; good references; six years' experience; country preferred, not essential; two years Drug Stores Manageress. Apply 197/20, Office of this Paper.

WALTHAMSTOW, Leyton, or City.—Lady; 30; ten years' good all-round experience; excellent references; N.H.I., Drug, or Toilet; Counter work and Stock preferred; good Saleswoman. "Statim," 18 Maude Terrace, Walthamstow, E. 17.

YOUNG fellow over 18 requires situation in Retail Pharmacy; used to N.H.I. prescriptions; quick Counter hand. Apply "W. R., 205 Rotherhithe New Road.

YOUNG lady (Hall), experienced Dispenser, seeks post with Doctor or Chemist; Croydon or Penge district preferred; testimonials on application. Perkins, 1a Grasmere Road, South Norwood, S.E. 25.

YOUNG lady Dispenser (Hall) seeks post with Doctor or Institute; would make herself generally useful. 79 Streathbourne Road, Balham.

We desire particularly to draw the attention of Colonial and Foreign Subscribers to the fact that in cases where they require partners, agents or assistants, or wish to sell their businesses, an advertisement in this Supplement, placed in every copy of "The Chemist and Druggist," should be the readiest means of helping them to attain their object. The tariff for such announcements is given under the appropriate headings in the Supplement. Instructions and remittances can be sent to us direct or through the advertisers, correspondents in this country.

WHOLESALE.

2s. for 18 words or less; 6d. for every additional 10 words or less, prepaid.

A TRAVELLER desires whole-time appointment with a house of good standing; thorough worker, adaptable, and highly ecommended. "M.," o/o Abbotts, 32 Eastcheap, E.C. 3.

DVERTISER, 45, well educated, seeks responsible position with manufacturing firm; long experience in general nalytical work, works control; knowledge of modern plant and achinery, Soaps, Glycerine, Toilet Preps., Pharmaceuticals, Fine hemicals, etc.; excellent references; moderate salary to commence. Apply 251/37, Office of this Paper.

DVERTISER, with first-class connection among Chemists in London, S.E., S.W., and suburbs, open for representation; nly first-class firm entertained; highest credentials. Apply .C.B. 38/30, Office of this Paper.

DVERTISER desires additional line; 10 E. and S.E. Counties; established connection; salary or commission, part expenses. Useful" (258/13), Office of this Paper.

DVERTISER requires position; permanency; 14 years' trade experience, nine years' as Stockkeeper, Drugs, Patents, oilets, Surgicals, and Sundries; age 34; good references; state alary offered. Address "J. M.," 27 Robertson Street, London, .W. 8.

ANALYST, 25, with Food and Drugs, Bacteriological, and Pharmaceutical experience, requires situation with Manufacturing house or Laboratory. Apply P.C.B. 40/8, Office of his Paper.

APSULE Packer (female) seeks situation; six years' experience; good references. "E. C.," 312 Commercial Road, eckham, S.E. 15.

OMPOUNDING, Packing; could take charge; wide experience; offers invited; disengaged. "Chemical," 14 Sussex Gardens, addington.

X-SERVICE man, age 22, requires position with Wholesale house, Wet, Dry, or Lab.; three years' experience; excellent references; immediate. Puffett, 7 Goldsmith Avenue, Manor ark.

RENCH Expert Perfumer, long experience and perfect knowledge of the trade, requires a position in a good established ouse. Apply A. V. M. (40/22), Office of this Paper.

MAJOR CHEMIST.—Lady desires position in Wholesale house; analysis, manufacturing; new lines; control staff; orrespondence, Buying, etc.; long experience; best references. pply 195/12, Office of this Paper.

ERFUMERY and Toilet Preparations and Druggists' Sundries, Home and Export.—Smart and energetic young man desires osition as Foreman Packer, Despatch Clerk, or any capacity; years' experience; disengaged; exemplary references, competent, and reliable; used Checking and Stockkeeping. Apply Expert" (P.C.B. 39/28), Office of this Paper.

HARMACIST, ex-officer (25), disengaged January 1, desires post as Traveller for Manufacturer or Wholesale house; uld cover large distances in town or country, using own motor if quired; North of England preferred. 197/7, Office of this aper.

ROFESSIONAL Vocalist, tactful, well educated, visiting a different large town each week, wishes to represent a good, liable house; free all day; excellent references. P.C.B. 40/13, ffice of this Paper.

REPRESENTATIVE, with good connection with Chemists and Toilet Saloons, would like a quick-selling line. Address C.B. 40/20, Office of this Paper.

HE MAN YOU ARE LOOKING FOR.—Chemist's Assistant (34), good appearance and well recommended, wants post as presentative, or will accept commissions; Lancashire preferred. Starkie Road, Bolton.

OUTH (16), leaving school at Christmas, desires to enter Chemical trade. Address P.C.B. 40/19, Office of this Paper.

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NQUALIFIED seeks position in India, the East, or Colonies; 12 years' experience Drugs, Patents, Sundries, Packed ods; Preliminary Examination and Lectures taken; age 28; rried; Irish Protestant; satisfactory references. Apply 257/24, ffice of this Paper.

MISCELLANEOUS.

10s. for 60 words; 1s. for every additional 10 words or less.

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